PB87-165460

Exploration, Development, and Production of Crude Oil and Natural Gas (Technical Report) Appendix F. List of Analytes

(U.S.) Environmental Protection Agency
Washington, DC

31 Jan 87

U.S. Department of Commerce
National Technical Information Service
NOTICE

United States Environmental Protection Agency

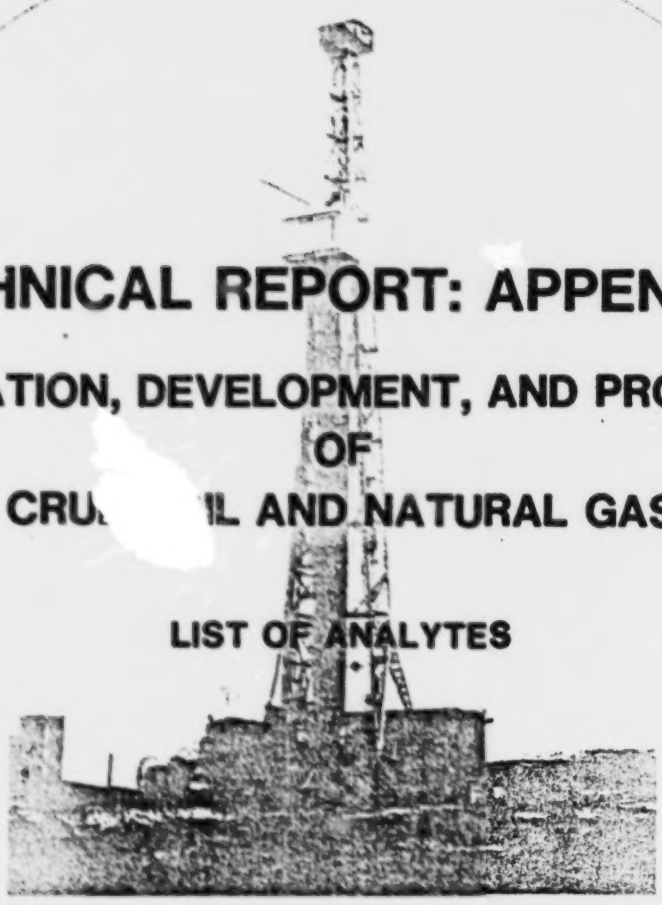
Office of Water Regulations and Standards (WH-552) Washington, D.C. 20460

Office of Solid Waste and Emergency Response Washington, D.C. 20460

EPA 530-SW-87-005 F

PB87-165460

EPA



TECHNICAL REPORT: APPENDIX F

EXPLORATION, DEVELOPMENT, AND PRODUCTION OF CRUDE OIL AND NATURAL GAS

LIST OF ANALYTES

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7. Author(s): Bob Hall			8. Performing Organization Rept. No.
9. Performing Organization Name and Address: U.S. EPA, Office of Solid Waste, 401 M Street, S.W., Washington, D.C. 20460			10. Project/Task/Work Unit No.
			11. Contract(C) or Grant(G) No. (C) (G)
12. Sponsoring Organization Name and Address: Bob Hall (475-7415), Office of Solid Waste, 401 M Street, S.W., Washington, D.C. 20460			13. Type of Report & Period Covered: Technical
			14.

15. Supplementary Notes
This appendix is part of the report entitled "Technical Report: Exploration, Development, and Production of Crude Oil and Natural Gas; Field Sampling and Analytical Results."

16. Abstract (Limit: 200 words)

This appendix presents ITD/RCRA compound data. It also includes a list of analytes ordered by chemical abstracts service registry number and a list of analytes ordered by the analysis type.

17. Document Analysis a. Descriptors

b. Identifiers/Open-Ended Terms

c. COSATI Field/Group

18. Availability Statement	19. Security Class (This Report)	21. No. of Pages
	20. Security Class (This Page)	22. Price

(See ANSI-Z39.18) See Instructions on Reverse

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(Formerly NTIS-35)
Department of Commerce

ITD/RCRA COMPOUND DATA
Legend for Information in Data Fields. 05 Jan 87

ITD is an abbreviation for EPA's Industrial Technology Division. RCRA (pronounced "Reck'-ra") is an acronym for the Resource Conservation and Recovery Act, a piece of environmental legislation covering proper disposal of solid and hazardous waste.

NAME IN REGULATION

The name of the analyte as it appears in the regulation from which it is derived (as shown in the ORIGIN field). This name provides an unambiguous reference to the regulation. The name may not be technically correct.

COMMON NAME

This field usually contains the common name for the analyte. If the common name appears as the NAME IN REGULATION (as occurs in some cases), the technical name may appear as the COMMON NAME.

CAS NO

The Chemical Abstracts Service (CAS) Registry Number for the analyte. In certain instances, CAS has assigned a number to a compound class and this number is used.

Note: where CAS has not assigned a number to an analyte or class, a synthetic numbering system has been used. This number begins with a single digit followed by an underscore or hyphen followed by three digits (e.g., 1_001) and assures that an analyte can be unambiguously identified in relationship to the class from which it is derived. The three digits following the underscore identify its position on the parent list and match the ORIGIN SEQUENCE number. At present, the following leading digits are used (definitions of acronyms follow):

1_ identifies the RCRA Appendix VIII List
1- identifies analytes on ITD's List
2_ identifies the RPAR List
2- identifies the AIR List
3- identifies the SWDA List
3_ identifies the VTOX List
4- identifies the SEC_313 List
4_ identifies the OAG_SRB List
5- identifies the SEC_112 List

CAS Number Error Checking on the PC: When a CAS number is entered in the CAS NO or BASE CAS NO field, the CAS error checking algorithm is run at the instant the cursor leaves the field. If the CAS number is incorrect, the message "CKSUM" will appear immediately to the right of the CAS number or BASE CAS NO, indicating that an incorrect number has been entered.

BASE CAS NO

If the analyte is derived from a compound class (e.g., "Chlorobenzenes"; "Silver and Compounds, NOS"), and the analyte can be traced to the class, the CAS NO of the class from which the analyte is derived will appear in this field.

ORIGIN

An acronym or abbreviation for the list from which the analyte is derived. The following lists are used:

AIR Analytes of the air "List of 37"

APP-C Analytes listed in Appendix C of the Consent Decree.

APRIL Analytes added to the RCRA groundwater monitoring list by Bob April of EPA.

HSL Superfund Hazardous Substances List (current as of October 86).

ITD Additional metals, classical analytes, and dioxins that the Industrial Technology Division monitors in its sampling and analysis programs.

MICH The list of analytes proposed to be added to the RCRA Appendix VIII List by the Michigan Petition [49 FR 49793, 21 Dec 84].

OAG_SRB Oil and gas, secondary recovery biocides: biocides, slimicides, and molluscides used on oil platforms.

P-POLL The priority pollutant list [NRDC vs Train, 8 ERC 2120 (DDC 1976)] as expanded to the 129 "Priority Pollutants", Appendix C Pollutants, and High Priority Paragraph 4(c) Pollutants. (The specific compounds on this combined list are given in Methods 1624, 1625, plus the original Priority Pollutant list of pesticides, metals, cyanide, and asbestos).

PARA-4C The list of 56 compounds detected in the 4(c) study.

RCRA RCRA Appendix VIII list [51 FR 28305, 06 Aug 86].

RCRA_IX The RCRA Appendix IX Groundwater Monitoring List [51 FR 26632, 24 Jul 86].

RPAR "Rebutable Presumption Against Registration" - compounds EPA is considering removing from registration as pesticides.

SEC_112 Pollutants listed as hazardous under the Clean Air Act.

SEC_313 The toxic chemicals subject to the provisions of Section 313 of the Emergency Planning and Community Right to Know Act of 1986.

VTOX Compounds on the "Acutely Toxic Chemicals" List in EPA's Chemical Emergency Preparedness Program.

ORIGIN SEQUENCE

The sequence number on the respective list. In those instances in which the list was unnumbered, a sequential number starting with 001 was assigned to each analyte, except for the HSL in which the number used by the QA Formaster data base was used (because a sequential reference number would change every time the HSL is revised), and numbers beginning with Z to represent the atomic number of a given element (e.g., boron is Z05).

ANALYSIS TYPE

As derived from data provided by EPA's Athens laboratory and other sources. In those instances where the analytical technique is known, it has been encoded. The following analysis types are encoded:

CGCEC Combination method using gas chromatography with electron capture detector.

CGCFPD Combination method using gas chromatography with flame photometric detector.

CS2 Analysis of a carbamate by liberation of carbon disulfide.

CVAA Cold vapor Atomic Absorption Spectrometry

DIOXIN Analysis for dibenzo-p-dioxins and dibenzofurans

FURNAA Furnace Atomic Absorption Spectrometry

GCMS Analysis by gas chromatography/mass spectrometry

HPLC Analysis by high performance liquid chromatography

HPLCUV Analysis by HPLC with an ultra-violet detector

ICP Analysis by inductively coupled plasma spectrometry

MS-PROB Analyte can probably be determined by GCMS

NO-GCMS Analyte cannot be determined by GCMS

TEM Determination of asbestos by transmission electron microscope

WET Analysis by a classical wet method

METHOD

The EPA Method number where it is known.

ASRCH This analyte is determined by searching the acid (or combined acid and base/neutral) fraction.

BSRCH This analyte is determined by searching the base/neutral (or combined acid and base/neutral) fraction.

SRCH This analyte might be capable of being determined by search of an analyte specific library in GCMS data.

VSRCH This analyte is determined by searching the volatile fraction.

EPA NIH PAGE

The page number in the EPA/NIH mass spectral file where the reference mass spectrum for the analyte can be found.

HYDROLYZES/DECOMPOSES

The analyte hydrolyzes (H) as estimated by Athens-ERL, or decomposes (D) as determined by Dr Beimer of S-CUBED.

EXTRACT

The analyte can be extracted from water as determined by Athens-ERL.

GC OK

The analyte can be gas chromatographed as determined by Athen-ERL or

Dr Beiner of S-CUBED.

LC OK

W Roy Day of Waters Associates knows of an LC method for the analyte.

LC ?

W Roy Day sees no reason why the analyte cannot be analyzed by LC but does not have direct evidence.

LC 3C

W Roy Day knows or has good reason to believe that a three-column LC screen (described more fully in a letter to D R Rushneck) will work for this analyte.

LC NOTES

Qualifies the LC data.

STANDARDS MAKEABLE

The standard can be synthesized according to Athena-ERL.

STANDARDS ON HAND

Athena ERL has the standard in its inventory.

STANDARDS SOURCES

Sources for a standard for the analyte. Acronyms and abbreviations are defined as follows:

ALD	Aldrich
ALF	Alpha
ATH	Athena ERL
CIN	EMSL Cincinnati
DUP	DuPont
EPA	EPA repository at RTP
EXX	Exxon
LV	EMSL Las Vegas
NCI	National Cancer Institute
PAB	Pfaltz & Bauer
SCC	Sample Control Center
SIG	Signal
SUP	Supelco
SYN	Must be synthesized in the lab

EXPLORATION, DEVELOPMENT, AND PRODUCTION OF CRUDE OIL AND NATURAL GAS

TECHNICAL REPORT

FIELD SAMPLING AND ANALYSIS PROJECT

APPENDIX F-1

LIST OF ANALYTES ORDERED BY CHEMICAL ABSTRACTS SERVICE (CAS) REGISTRY NUMBER

DATE: 02/05/87 15:07
BY: EPA/ON-ITD

ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC DX	LC O K	LC 3 ? C	NOTES	STANDARDS MAX ON ABL	STANDARDS MAX ON MWD	STANDARDS SOURCES
Total volatile organic carbon	TVOA \ VOC \ Organic carbon, volatile	1-001		ITD	W01	WET	9060M									CIN
Biochemical Oxygen Demand	BOD	1-002		ITD	W02	WET	405									SYN
Chloride		1-003		ITD	W03	WET	300									SYN
Chemical Oxygen Demand	COD	1-004		ITD	W04	WET	410									SYN
Nitrate/nitrite		1-005		ITD	W05	WET	300									SYN
Hydrogen ion	pH	1-006		ITD	W06	WET	150									SYN
Oil and grease	OAG	1-007		ITD	W07	WET	413									SYN
Residue, total	Total solids	1-008		ITD	W08	WET	160									SYN
Residue, non-filterable	Total suspended solids \ TSS	1-009		ITD	W09	WET	160									SYN
Residue, filterable	Total dissolved solids \ TDS	1-010		ITD	W10	WET	160									SYN
Specific conductivity	Conductivity, specific	1-011		ITD	W11	WET	120									SYN
Total organic carbon	TOC \ Organic carbon, total	1-012		ITD	W12	WET	415									CIN
Ignitability		1-013		ITD	W13	WET	1010									SYN
Corrosivity		1-014		ITD	W14	WET	1110									SYN
Reactivity		1-015		ITD	W15	WET	412									SYN
Oil and grease	Retort	1-016		ITD	W16	WET	Retort									SYN
Salinity (from chloride)	NaCl	1-017		ITD	W17	WET										SYN

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS NAK ABL	STANDARDS ON HND	STANDARDS SOURCES
Salinity (from sodium)	NaCl	1-018		ITD	W18	WET											SYN
Heptachlorodibenzo-p-dioxins		1-019		ITD	D01	DIOXIN	HIRES			Y	Y					Y	CIL LV
Heptachlorodibenzofurans		1-020		ITD	D02	DIOXIN	HIRES			Y	Y					Y	CIL LV
Hexachlorodibenzo-p-dioxins		1_200		RCRA RCRA_IX	197 106	DIOXIN	HIRES			Y	Y					Y	CIL LV
Hexachlorodibenzofurans		1_201		RCRA RCRA_IX	198 111	DIOXIN	HIRES			Y	Y					Y	CIL LV
Pentachlorodibenzo-p-dioxins		1_289		RCRA RCRA_IX	290 107	DIOXIN	HIRES			Y	Y					Y	CIL LV
Pentachlorodibenzofurans		1_290		RCRA RCRA_IX	291 112	DIOXIN	HIRES			Y	Y					Y	CIL LV
Tetrachlorodibenzo-p-dioxins		1_331		RCRA RCRA_IX	334 108	DIOXIN	HIRES			Y	Y					Y	CIL LV
Tetrachlorodibenzofurans		1_332		RCRA RCRA_IX	335 113	DIOXIN	HIRES			Y	Y					Y	CIL LV
4,4'-DDT	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis(4-chloro-	50293		FTC HSL P-POLL RCRA RCRA_IX	009 C085 092 104 040	C6CEC	1618	2747		Y	Y					Y	CIN LV
Benzo(a)pyrene		50328	3-065	AIR HSL P-POLL PARA_4C RCRA RCRA_IX	033-02 C775 073 057 039 077	GCMS	1625	5736		Y	Y	Y	Y	Y		Y	CIN

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BY: EPA/OW-ITD

ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC/MS	LC-O	LC-K	LC-3	LC-7	LC-C	LC NOTES	STANDARDS-MAKE UP	STANDARDS-SOURCES
2,4-Dinitrophenol	Phenol, 2,4-dinitro	51285		HSL P-POLL RCRA RCRA_IX SEC_313	C555 059 159 197 002	GCMS	1625	5489		Y	Y	Y	Y	Y	Y			Y	CIN
Phosphoric acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester	Trichlorofon \ Dylox	52686		MICH SEC_313 VTOX	072 005 006	CGCFPD	1618	4667		Y	Y							Y	CIN LV
Phosphorothioic acid, O,O-dimethyl O-[p-[(dimethylamino)sulfonyl) phenyl] ester	Fauphur \ Fauophos	52857		RCRA RCRA_IX	184 207	CGCFPD	1618			Y	Y							Y	LV
Dibenzo(a,h)anthracene	Dibenz(a,h)anthracene	53703	3-065	HSL P-POLL RCRA RCRA_IX	C785 082 108 104	GCMS	1625	2039		Y	Y	Y	Y	Y	Y			Y	CIN PAH
N-Nitrosodiethylamine	Ethanamine, N-ethyl-N-nitroso-	55185	35576911	RCRA RCRA_IX SEC_313	272 119 007	GCMS	BSRCH	4811		Y	Y							Y	LV
Phosphorodithioic acid, O,O-dimethyl-, O-(4-methylthio)-m-tolyl)ester	Fenthion \ Baytex	55389		MICH	097	CGCFPD	1618			Y	Y							Y	LV
Tetrachloroethane	Carbon tetrachloride \ Methane, tetrachloro-	56235	1_193	AIR HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	008 C120 006 060 161 010 003	GCMS	1624	473			Y		Y	Y				Y	CIN
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl)ester	Parathion \ Parathion, ethyl	56382		RCRA RCRA_IX SEC_313 VTOX	288 288 011 012	CGCFPD	1618	4788		Y	Y							Y	CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	3-Methylcholanthrene	56495	3-065	RCRA	233	GCMS	BSRCH	1938		Y	Y				Y		LV
				RCRA_IX	022												
Benzo(a)anthracene	Benz(a)anthracene \ 1,2-Benzanthracene	56553	3-065	HSL	C730	GCMS	1625	1537		Y	Y	Y	Y Y		Y		CIN
				P-POLL	072												
				PARA_4C	060												
				RCRA	032												
				RCRA_IX	025												
Coumarin, 3-chloro-7-hydroxy-4-methyl-, O-ester with O,O-diethylpyrophosphorothioate	Coumaphos \ Co-Ral	56724		MICH	040	CGCFPD	1618	5002		Y	Y				Y		CIN
				VTOX	013												LV
Cyanides (soluble salts and complexes) NOS		57125		P-POLL	121	WET	335										SYN
				RCRA	093												
				RCRA_IX	096												
				SEC_313	012												
				SWDA	043												
4,7-Methano-1H-indene 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	Chlordane	57749		FTC	005	CGCEC	1618	6371		Y	Y	Y	Y Y		Y		CIN
				HSL	C915												LV
				P-POLL	091												
				RCRA	063												
				RCRA_IX	167												
				RPAR	008												
				SEC_313	015												
				SWDA	051												
				VTOX	019												
7,12-Dimethylbenz(a)anthracene	9,10-Dimethyl-1,2-Benzanthracene	57976	3-065	FTC	025	GCMS	BSRCH	1823		Y	Y				Y		LV
				RCRA	148												
				RCRA_IX	021												

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IYZE	EX TRA CT	GC QK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MAK ABL	STANDARDS QN MND	STANDARDS SOURCES
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1-alpha, 2-alpha,3-beta, 4-alpha, 5-alpha, 6-beta)	Lindane \ gamma-BHC \ Hexachlorocyclohexane (gamma)	58899	608731	HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	C825 104 218 101 016 045 021	CGCEC	1618	4774		Y	Y	Y Y Y			Y		CIN LV
2,3,4,6-Tetrachlorophenol	Phenol, 2,3,4,6-tetrachloro-	58902	1_068	PARA-4C RCRA RCRA_IX	046 340 194	GCMS	ASRCH	4559		Y	Y	Y Y Y			Y		LV
4-Chloro-3-methylphenol	p-Chloro-m-cresol \ Phenol, 4-chloro-3-methyl-	59507		HSL P-POLL PARA_4C RCRA RCRA_IX	C465 022 065 075 201	GCMS	1625	371		Y	Y	Y Y Y			Y		CIN
N-Nitrosomorpholine	Morpholine, 4-nitroso-	59892	35576911	AIR RCRA RCRA_IX SEC_313	026 279 174 017	GCMS	BSRCH	165		Y	Y	Y Y		TAIL	Y		ATH LV
Benzenamine, N,N-dimethyl-4-(phenylazo)-	p-Dimethylaminoazobenzene	60117		FTC RCRA RCRA_IX SEC_313	024 147 035 019	GCMS	BSRCH	1495		Y	Y	Y Y			Y	Y	ALD ATH LV
Diethyl ether		60297		APP-C P-POLL	014 515	GCMS	1624			Y	Y						ALD
Phosphorodithioic acid, O,O-dimethyl s-[2-(methylamino)-2-oxoethyl] ester	Cygon \ Dimethoate	60515		RCRA VTOX	145 025	CGCFPD	1618	4557		Y	Y				Y		CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC QK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON MND	STANDARDS SOU- ACES
2,7:3,6-Dimetnanonaphth(2,3-bloxirene , 3,4,5,6,9,9-hexachloro-1a,2,2a, 3,6,6a,7,7a-oxtahydro-, (1a-alpha , 2-beta2a-alpha, 3-beta, 6-beta, 6a-alpha, 7-beta, 7a-alpha)-	Dieldrin	60571		FTC 023 HSL C050 P-POLL 090 PARA_4C 068 RCRA 132 RCRA_IX 114 RPAR 016		CGCEC	1618	5031	Y	Y	Y Y Y				CIN
Acetamide, N-(4-ethoxyphenyl)-	Phenacetin \ Phorazetin	62442		RCRA 295 RCRA_IX 003		GCMS	BSRCH	885	Y	Y				Y	LV
Methanesulfonic acid, ethyl ester	Ethylmethane sulfonate	62500		RCRA 183		GCMS	BSRCH	4055	Y	Y				Y	CIN LV PAB
Benzenamine	Aniline	62533		HSL C320 PARA_4C 069 RCRA 020 RCRA_IX 026 SEC_313 022 VTOX 385		GCMS	BSRCH	58	Y	Y				Y	ALD LV
Ethanethioamide	Thioacetamide	62555		RCRA 353 SEC_313 023		GCMS	BSRCH	3986						Y	ALF CIN LV
Phosphoric acid, 2,2-dichlorovinyl dimethyl ester	Dichlorvos \ DDVP	62737		MICH 079 RPAR 013 SEC_313 025 VTOX 027		CGCFPD	1618	4511	Y	Y				Y	CIN
N-Nitrosodimethylamine	Dimethylnitrosamine \ Methanamine, N-methyl-N-nitroso-	62759	35576911	AIR 014 P-POLL 061 RCRA 273 RCRA_IX 152 SEC_313 026 VTOX 029		GCMS	1625	3985	Y	Y	Y			Y	ALD CIN

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 C	NOTES	STANDARDS MARK	STANDARDS ON HAND	STANDARDS SOURCES
Benzoic acid		65850		HSL PARA_4C RCRA_IX	C430 071 074	GCMS	ASRCH			Y	Y					Y	LV
Methyl methanesulfonate	Methylsulfonic acid, methyl ester	66273		RCRA RCRA_IX	244 165	GCMS	BSRCH	4024		Y	Y	Y				Y	CIN LV PAB
2-Propanone	Acetone	67641		APP-C HSL P-POLL RCRA_IX SEC_313	001 C035 516 224 031	GCMS	1624			Y	Y						ALD CIN
Chloroform	Methane, trichloro- \ Trichloromethane	67663	1_193	AIR HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	010 C060 001 023 072 078 163 032 388	GCMS	1624	4043			Y	Y				Y	CIN
Dimethyl sulfone		67710		PARA-4C	021	GCMS	BSRCH			Y	Y					Y	SCC
Hexachloroethane	Ethane, hexachloro	67721	065	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C375 012 073 199 131 033	GCMS	1625	4575		Y	Y	Y	Y			Y	CIN
N,N-Dimethylformamide		68122		PARA-4C	018	GCMS	BSRCH			Y	Y					Y	ALD SCC

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA IYZE CT	GC OK	LC O K	LC 3 ? C	LC NOTES	STANDARDS NAK ABL	STANDARDS ON MND	STANDARDS SOU-RCES
Benzene		71432		HSL	C165	GCMS	1624	3987		Y	Y	Y Y		Y		CIN
				P-POLL	024											
				PARA_4C	077											
				RCRA	034											
				RCRA_II	036											
				SEC_112	005											
				SEC_313	036											
				SWDA	008											
1,1,1-Trichloroethane	Methyl chloroform \ Ethane, 1,1,1-trichloro-	71556	1_065	AIR	025	GCMS	1624	278		Y	Y	Y Y		Y		CIN
				HSL	C115											
				OAQ_SRB	023											
				P-POLL	011											
				PARA_4C	078											
				RCRA	232											
				RCRA_II	124											
				SEC_313	037											
				SWDA	004											
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1a,2,2a,3,6,6a,7,8,8a-octahydro-endo,endo-	Endrin	72208		HSL	C860	CGCEC	1618	5031		Y	Y	Y		Y		CIN LV
				P-POLL	098											
				RCRA	171											
				RCRA_II	115											
				SWDA	044											
				VTOX	036											
17-alpha-19-Norpregna-1,3,5(10)-trien-20-yn-17-ol, 3-methoxy-	Mestranol \ 17-alpha-Ethynylestradiol 3-methyl ether	72333		MICH	065	GCMS	BSRCH	2342		Y	Y			Y		CIN SIG
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	Methoxychlor	72435		HSL	C910	CGCEC	1618	4961		Y	Y	Y Y		Y		CIN LV
				RCRA	228											
				RCRA_IX	041											
				SEC_313	038											
				SWDA	04E											

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC-O K	LC-?	LC-3 C	NOTES	STANDARDS-MAKE/LABEL	STANDARDS-ON HAND	STANDARDS-SOURCES
4,4'-DDD	Benzene, 1,1'-(2,2-dichloroethylidene) bis(4-chloro	72548		HSL P-POLL RCRA RCRA_IX	C070 094 102 042	CGCEC	1618	4887		Y	Y	Y	Y	Y		Y		CIN LV
4,4'-DDE	Benzene, 1,1'-(dichloroethenylidine) bis(4-chloro	72559		FTC HSL P-POLL RCRA RCRA_IX	008 C055 093 103 043	CGCEC	1618			Y	Y					Y		CIN LV
Bromomethane	Methyl bromide \ Methane, bromo	74839	1_193	HSL ODW_CWS P-POLL RCRA RCRA_IX APAR SEC_313 VTOX	C015 028 046 229 153 027 039 400	GCMS	1624	58			Y					Y		CIN
Chloromethane	Methyl chloride \ Methane, chloro	74873	1_193	HSL ODW_CWS P-POLL RCRA RCRA_IX SEC_313	C010 027 045 230 155 041	GCMS	1624	3979			Y		Y			Y		CIN
Iodomethane	Methyl iodide \ Methane, iodo	74884	1_193	RCRA RCRA_IX SEC_313	240 160 042	GCMS	VSRCH	367			Y		Y	Y		Y		LV
Dibromomethane	Methylene bromide \ Methane, dibromo	74953	1_193	ODW_CWS RCRA RCRA_IX SEC_313 SWDA	014 235 156 044 076	GCMS	VSRCH	4284			Y					Y		ALD CIN

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC QK	LC-MS-MS O K ?	LC-MS-MS 3 NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Chloroethane	Ethane, chloro \ Ethyl chloride	75003	1_065	HSL	C025	GCMS	1624				Y				Y	CIN
				ODW_CWS	034											
				P-POLL	016											
				RCRA_IX	130											
				SEC_313	045											
Vinyl chloride	Ethene, chloro	75014		HSL	C020	GCMS	1624	3981			Y	Y			Y	CIN
				P-POLL	008											
				RCRA	387											
				RCRA_IX	138											
				SEC_112	004											
				SEC_313	046											
				SWDA	006											
Methylene chloride	Dichloromethane \ Methane, dichloro-	75092	1_193	AIR	024	GCMS	1624	3990			Y	Y			Y	CIN
				HSL	C030											
				ODW_CWS	008											
				P-POLL	044											
				RCRA	236											
				RCRA_IX	158											
				SEC_313	049											
				SWDA	007											
Carbon disulfide		75150		HSL	C040	GCMS	VSRCH	24			Y				Y	LV
				RCRA	058											
				RCRA_IX	091											
				SEC_313	050											
				VTOX	387											
Tribromomethane	Bromoform \ Methane, tribromo-	75252	1_193	HSL	C180	GCMS	1624	1746			Y	Y Y			Y	CIN
				ODW_CWS	004											
				P-POLL	047											
				RCRA	050											
				RCRA_IX	162											
				SEC_313	052											

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IYZE	EX TRA CT	GC OK	LC O K	LC ?	LC 3 C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU RCES
Bromodichloromethane	Methane, bromodichloro	75274	1_193	HSL DOW_CWS P-POLL RCRA_IX SEC_313	C130 002 048 154 053	GCMS	1624				Y					Y		CIN
1,1-Dichloroetnane	Ethylidene chloride \ Ethane, 1,1-dichloro-	75343	1_065	HSL DOW_CWS P-POLL RCRA RCRA_IX	C050 021 013 181 121	GCMS	1624	4002			Y		Y			Y		CIN
1,1-Dichloroethene	1,1-Dichloroethylene \ Vinylidine chloride	75354	25323302	HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	C045 029 124 136 054 012	GCMS	1624	4000			Y		Y			Y		CIN
Trichlorofluoromethane	Fluorotrichloromethane \ Methane, trichlorofluoro-	75694	1_193	DOW_CWS RCRA RCRA_IX	012 373 164	GCMS	VSRCH	4088			Y		Y			Y		CIN
Ethane, pentachloro-	Pentachloroethane	76017	1_065	DOW_CWS RCRA RCRA_IX VTOX	036 292 132 045	GCMS	BSRCH	4421		Y	Y					Y		ALD LV
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-oa,4,7,7a-tetrahydro-	Heptachlor	76448		HSL P-POLL RCRA RCRA_IX RPAR SEC_313	C030 100 192 168 023 060	CGCEC	1618	5018		Y	Y	Y	Y	Y		Y		CIN LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	Hexachlorocyclopentadiene \ HCP	77474		AIR HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	021 C510 053 196 103 061 078 047	GCMS	1625	1947		Y	Y	Y	Y		Y		CIN
Phosphoric acid, tri-o-tolyl ester	Tricresylphosphate \ TCP	78308		MICH	084	CGCFPD	1618			Y	Y				Y		ALF CIN
Phosphorodithioic acid, S,S'-p-dioxane-2,3-dryl O,O,O',O'-tetraethyl ester	Dioxathion	78342		MICH VTOX	091 051	CGCFPD	1618			Y	Y				Y		CIN
Isophorone	3,5,5-Trimethyl-2-cyclohexenone	78591		HSL P-POLL PARA_4C RCRA_IX	C415 054 081 102	GCMS	1625			Y	Y				Y		CIN
Isobutyl alcohol	1-Propanol, 2-methyl-	78831		RCRA RCRA_IX	209 223	GCMS	VSRCH	3986			Y				Y		LV
1,2-Dichloropropane	Propylene dichloride \ Propane, 1,2-dichloro-	78875	26638197	HSL ODW_CWS P-POLL RCRA RCRA_IX SEC_313 SWDA	C140 022 032 313 215 064 071	GCMS	1624	4028			Y	Y			Y		ALD CIN
2-Butanone	Methyl ethyl ketone \ MEK	78933		APP-C HSL P-POLL RCRA RCRA_IX SEC_313	017 C110 514 237 087 066	GCMS	1624	3984		Y	Y	Y	Y	Y	Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA IYZE CT	GC OK	LC O K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro	79005	1_065	HSL	C160	GCMS	1624	4076		Y		Y Y		Y		CIN
				ODW_CWS	035											
				P-POLL	014											
				PARA_4C	082											
				RCRA	370											
				RCRA_II	126											
				SEC_313	067											
				SWDA	062											
Trichloroethene	Ethene, trichloro \ Trichloroethylene	79016		AIR	036	GCMS	1624	4070		Y		Y Y		Y		CIN
				HSL	C150											
				P-POLL	087											
				PARA_4C	083											
				RCRA	371											
				RCRA_II	140											
				SEC_313	068											
				SWDA	001											
1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro	79345	25322207	HSL	C225	GCMS	1624	4248		Y		Y Y		Y		CIN
				ODW_CWS	023											
				P-POLL	015											
				RCRA	338											
				RCRA_II	127											
				SEC_313	073											
Methyl methacrylate	2-Propenoic acid, 2-methyl, methyl ester	80626		RCRA	243	GCMS	VSRCH	4007		Y		Y		Y		LV
				RCRA_II	233											
				SEC_313	078											
Benzanthrone		82053		PARA-4C	001	GCMS	BSRCH			Y	Y				Y	SCC
Pentachloronitrobenzene	PCNB \ Terraclor \ Quintozene	82688		RCRA	293	CGCEC	1618	2169		Y	Y			Y		LV
				RCRA_II	059											
				RPAR	032											
				SEC_313	062											

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IYZE	EX TRA CT	GC QK	LC O. K	LC 3 ? C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON MND	STANDARDS SOU-RCES
Acenaphthene		83329	3-065	HSL	C550	GCMS	1625			Y	Y				Y		ALD
				P-POLL	001												CIN
				PARA_4C	089												
				RCRA_IX	002												
Diethyl phthalate	1,2-Benzenedicarboxylic acid, diethyl ester	84662	1_303	HSL	C580	GCMS	1625	4521		Y	Y	Y	Y	Y	Y		CIN
				P-POLL	070												
				PARA_4C	093												
				RCRA	139												
				RCRA_IX	064												
				SEC_313	083												
1,2-Dicarboxylic acid, dibutyl ester	Di-n-butyl phthalate \ dibutyl Phthalate	84742	1_303	HSL	C650	GCMS	1625	4745		Y	Y	Y	Y	Y	Y		CIN
				P-POLL	068												LV
				PARA_4C	095												
				RCRA	114												
				RCRA_IX	063												
				SEC_313	084												
				VTOX	064												
Phenanthrene		85018	3-065	HSL	C640	GCMS	1625			Y	Y				Y		CIN
				P-POLL	081												
				PARA_4C	097												
				RCRA_IX	186												
Butyl benzyl phthalate		85687	1_303	HSL	C720	GCMS	1625	5904		Y	Y		Y	Y	Y		CIN
				P-POLL	067												
				PARA_4C	096												
				RCRA	053												
				RCRA_IX	062												
				SEC_313	086												
N-Nitrosodiphenylamine	Benzenamine, N-nitroso-N-phenyl	86306	35576911	HSL	C615	GCMS	1625			Y	Y				Y		CIN
				P-POLL	062												
				RCRA_IX	033												
				SEC_313	087												

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Phosphorodithioic acid, O,O-dimethyl ester, S-ester with3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one	Azinphos-methyl \ Guthion	86500		MICH 089 RPAR 084 VTOX 066		CGCFPD	1618	4884		Y	Y				Y		CIN LV
Fluorene		86737	3-065	HSL C590 P-POLL 080 PARA_4C 099 RCRA_IX 143		GCMS	1625			Y	Y				Y		CIN
Carbazole		86748		P-POLL 528 PARA-4C 087		GCMS	1625			Y	Y				Y		SCC
1,2,3-Trichlorobenzene		87616	12002481	ODW_CWS 031 P-POLL 529 PARA-4C 048		GCMS	1625	4317		Y	Y	Y	Y Y		Y		CIN
2,6-Dichlorophenol	Phenol, 2,6-dichloro-	87650	1_068	PARA_4C 101 RCRA 126 RCRA_IX 200		GCMS	ASRCH	628		Y	Y	Y	Y Y		Y		LV
Hexachlorobutadiene	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	87683		HSL C460 ODW_CWS 042 P-POLL 052 RCRA 195 RCRA_IX 084 SEC_313 089		GCMS	1625	1830		Y	Y		Y Y		Y		CIN
Pentachlorophenol	PCP \ Phenol, pentachloro-	87865	1_068	HSL C635 OAG_SRB 069 P-POLL 064 PARA_4C 102 RCRA 294 RCRA_IX 204 RPAR 033 SEC_313 090 SWDA 072 VTOX 068		GCMS	1625	1889		Y	Y	Y	Y Y		Y		CIN LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 ?	LC C NOTES	STANDARDS MAKE ON LABEL	STANDARDS MAND SOURCES
2,4,6-Trichlorophenol	Phenol, 2,4,6-trichloro-	88062	1_068	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C515 021 103 375 199 091	GCMS	1625	1117		Y	Y	Y	Y Y		Y	CIN
2-Nitroaniline	Benzenamine, 2-nitro	88744		HSL RCRA_IX	C530 028	GCMS	BSRCH			Y	Y				Y	LV
2-Nitrophenol	Phenol, 2-nitro-	88755		HSL P-POLL PARA_4C RCRA_IX SEC_313	C420 057 106 192 092	GCMS	1625			Y	Y				Y	CIN
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	DNBP \ Dinoseb \ 2-sec-butyl-4,6-dinitrophenol	88857		RCRA RCRA_IX RPAR SWDA VTOX	162 188 017 074 070	CGCEC	1618			Y	N				Y	LV
4-Chloro-2-nitroaniline		89634		PARA-4C	089	GCMS	BSRCH			Y	Y				Y	SCC
o-Anisidine		90040		MICH SEC_313	012 094	GCMS	BSRCH	203		Y	Y				Y	ALD CIN
Napnthalene		91203	3-065	HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313	C450 041 055 119 250 177 098	GCMS	1625	5321		Y	Y	Y	Y Y		Y	CIN
2-Methylnaphthalene	Naphthalene, 2-methyl	91576	3-065	HSL PARA_4C RCRA_IX	C470 121 179	GCMS	ESRCH			Y	Y	Y	Y Y		Y	LV

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2-Chloronaphthalene	Naphthalene, 2-chloro-	91587	1_067	HSL P-POLL RCRA RCRA_IX	C525 020 080 178	GCMS	1625	636		Y	Y	Y		Y		Y		CIN
beta-Naphthylamine	2-Naphthylamine	91598		P-POLL PARA_4C RCRA RCRA_IX SEC_313	502 122 253 176 100	GCMS	1625			Y	Y	Y		Y	TAIL	Y		CIN
1,2-Ethanediamine, N,N-dimethyl-N'-2pyridinyl-N'-(2-thienylmethyl)-	Methapyrilene	91805		RCRA RCRA_IX	226 133	GCMS	BSRCH	1868		Y	Y	Y		Y		Y	Y	ATH PAB SIG
3,3'-Dichlorobenzidine	1,1'-Biphenyl-4,4'-diamine, 3,3'-dichloro	91941		FTC HSL P-POLL RCRA RCRA_IX SEC_313	020 C725 028 119 079 101	GCMS	1625	1771		Y	Y	Y		Y		Y		CIN
Biphenyl	Diphenyl	92524		APP-C P-POLL PARA_4C SEC_313	013 512 123 102	GCMS	1625			Y	Y					Y		LV
(1,1'-Biphenyl)-4-amine	4-Aminobiphenyl	92671		RCRA RCRA_IX SEC_313	015 082 103	GCMS	BSRCH	4272		Y	Y					Y		ALD LV
Phenothiazine	Newazine \ 10H-Phenothiazine	92842		PARA-4C	040	GCMS	BSRCH			Y	Y					Y		LV SCC
Benzidine	(1,1'-Biphenyl)-4,4'-diamine	92875		P-POLL RCRA RCRA_IX SEC_313	025 036 083 104	GCMS	1625	4343		Y	Y	Y		Y		Y		CIN

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Biphenyl, 4-nitro	4-Nitrobiphenyl	92933		MICH SEC_313	027 105	GCMS	BSRCH	1170		Y	Y					Y		CIN SIG
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	2,4,5-TP \ Silvex	93721		RCRA RCRA_IX SWDA	327 221 049	GCEC	615	4711		Y	N	Y	Y	Y		Y		LV
2,4,5-Trichlorophenoxyacetic acid	2,4,5-T \ Weedone \ Acetic acid, 2,4,5-trichlorophenoxy-	93765		RCRA RCRA_IX	376 006	GCEC	615	4659		Y	N	Y	Y	Y		Y		LV
Safrole	1,3-Benzodioxole, 5-(2-propenyl)-	94597		PARA_4C RCRA RCRA_IX SEC_313	127 320 072 107	GCMS	BSRCH	4229		Y	Y					Y		ALD LV
2,4-Dichlorophenoxyacetic acid, salts and esters	2,4-D	94757		RCRA RCRA_IX SEC_313 SWDA	100 007 108 048	GCEC	615	4511		Y	N	Y	Y	Y		Y		LV
Thianaphthene	2,3-Benzothiophene \ Benzo(b)thiophene	95158		PARA-4C	003	GCMS	BSRCH			Y	Y					Y		SCC
o-Cresol	2-Methylphenol \ o-Cresylic acid	95487	1319773	AIR HSL PARA_4C RCRA RCRA_IX SEC_313 VTOX	012-01 C355 132 091-02 190 110 073	GCMS	BSRCH									Y		ALD

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1,2-Dichlorobenzene	Benzene, 1,2-dichloro- \ o-Dichlorobenzene	95501	25321226	AIR	013-01	GCMS	1625	4129		Y	Y	Y	Y	Y		Y		CIN
				HSL	C350													LV
				ODW_CWS	010													
				P-POLL	025													
				PARA_4C	134													
				RCRA	115													
				RCRA_IX	044													
				SEC_313	111													
o-Toluidine		95534		MICH	111	GCMS	BSRCH	4019		Y	Y					Y		CIN
				PARA_4C	136													SIG
				SEC_313	112													
2-Chlorophenol	Phenol, 2-chloro	95578	1_068	HSL	C330	GCMS	1625	242		Y	Y	Y	Y	Y		Y		CIN
				P-POLL	024													
				PARA_4C	138													
				RCRA	081													
				RCRA_IX	189													
o-Toluidine, 5-chloro-	5-Chloro-o-toluidine	95794		MICH	112	GCMS	BSRCH			Y	Y					Y		CIN
																		PAB
1,3-Benzenediamine, 4-methyl-	2,4-Diaminotoluene \ Toluene, 2,4-diamino-	95807	25376458	MICH	110	GCMS	BSRCH	1990		Y	Y	Y	Y	Y	TAIL	Y	Y	ALD
				RCRA	362													ATH
				SEC_313	114													
1,2,4,5-Tetrachlorobenzene	Benzene, 1,2,4,5-tetrachloro-	95943	1_064	PARA-4C	043	GCMS	BSRCH	4486		Y	Y	Y	Y	Y		Y		CIN
				RCRA	333													LV
				RCRA_IX	046													PAB
																		SCC
2,4,5-Trichlorophenol	Phenol, 2,4,5-trichloro-	95954	1_068	HSL	C520	GCMS	1625	4339		Y	Y	Y	Y	Y		Y		CIN
				OAG_SRB	028													LV
				P-POLL	531													SIG
				PARA-4C	049													
				RCRA	374													
				RCRA_IX	198													
				SEC_313	115													

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Propane, 1,2-dibromo-3-chloro-	Dibromochloropropane \ DBCP	96128		ODW_CWS RCRA RCRA_IX SEC_313 SWDA	016 113 214 117 070	GCMS	BSRCH	4575		Y	Y		Y	Y		Y		LV
1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-	96184	25735299	ODW_CWS RCRA RCRA_IX	030 378 216	GCMS	VSRCH	4128			Y					Y		LV
1,3-Dichloro-2-propanol		96231		RCRA	129-01	GCMS	BSRCH	4064		Y	Y					Y		ALD LV
Ethylenethiourea		96457		RCRA SEC_313	180 119	GCMS	BSRCH	4011		Y	Y		Y			Y	Y	ALD ATH LV
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester	97632		RCRA RCRA_IX	182 232	GCMS	VSRCH	150		Y	Y	Y	Y	Y		Y		LV
alpha-Terpineol		98555		APP-C P-POLL PARA_4C	021 509 152	GCMS	1625			Y	Y							ALD
Ethanone, 1-phenyl	Acetophenone	98862		PARA_4C RCRA RCRA_IX	157 002 134	GCMS	BSRCH	4048		Y	Y					Y		ALD LV
Nitrobenzene	Benzene, nitro-	98953		AIR HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	028 C410 056 158 261 057 125 401	GCMS	1625	4054		Y	Y	Y	Y	Y		Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 ? C	NOTES	STANDARDS MAKABLE	STANDARDS ON HAND	STANDARDS SOURCE
3-Nitroaniline	Benzenamine, 3-nitro	99092		HSL RCRA_II	C545 029	GCMS	BSRCH			Y	Y				Y		LV
2,6-dichloro-4-nitroaniline	Dichloran \ Botran	99309		PARA-4C RCRA	016 027	GCMS	BSRCH			Y	Y				Y		LV SCC
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro	99558		RCRA RCRA_II	284 027	GCMS	BSRCH	4157		Y	Y	Y	Y		Y	Y	ALD ATH LV
p-Cymene	p-Isopropyltoluene	99876		APP-C ODW_CWS P-POLL PARA_4C	022 046 513 165	GCMS	1625			Y	Y				Y		ALD
p-Nitroaniline	Benzenamine, 4-nitro-	100016		HSL PARA-4C RCRA RCRA_II	C595 037 260 031	GCMS	BSRCH	328		Y	Y				Y		LV SCC
4-Nitrophenol	p-Nitrophenol \ Phenol, 4-nitro-	100027		HSL P-POLL RCRA RCRA_II SEC_313	C560 058 266 203 127	GCMS	1625	4104		Y	Y	Y	Y	Y	Y		CIN LV
1,4-Dinitrobenzene	Benzene, 1,4-dinitro-	100254	25154545	PARA-4C RCRA RCRA_II	023 157-01 049	GCMS	BSRCH	720		Y	Y				Y		SCC
Ethylbenzene	Benzene, ethyl	100414		HSL ODW_CWS P-POLL PARA_4C RCRA_II SEC_313	C240 024 038 169 054 129	GCMS	1624				Y				Y		CIN

APPENDIX F

LIST OF ANALYTES

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Styrene	Benzene, ethenyl-	100425		APP-C 020 HSL C245 MICH 107 ODW_CWS 026 P-POLL 510 PARA_4C 170 RCRA_II 053 SEC_313 130		GCMS	1625	108		Y	Y				Y		CIN
Benzyl alcohol		100516		HSL C345 PARA_4C 172 RCRA_II 069		GCMS	BSRCH			Y	Y						LV
N-Nitrosopiperidine	Piperidine, 1-Nitroso-	100754	35576911	RCRA 281 RCRA_II 211 SEC_313 132		GCMS	BSRCH	149		Y	Y						LV
4,4'-Methylenebis(2-chloroaniline)	Benzenamine, 4,4'-methylenebis(2chloro \ MOCA	101144		RCRA 234 RCRA_II 032 SEC_313 133		GCMS	BSRCH	1908		Y	Y	Y	TAIL		Y	Y	ALD ATH LV PAB
4-Bromophenyl phenyl ether	1-Bromo-4-phenoxybenzene	101553		HSL CE25 P-POLL 041 PARA-4C 086 RCRA 051 RCRA_II 037		GCMS	1625	5719		Y	Y	Y	Y		Y		CIN
Diphenyl ether		101848		APP-C 016 P-POLL 508 PARA_4C 177		GCMS	1625			Y	Y						ALD
2,4-Dimethylphenol	Phenol, 2,4-dimethyl-	105679		HSL C425 P-POLL 034 RCRA 154 RCRA_II 196 SEC_313 140		GCMS	1625	201		Y	Y	Y	Y		Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MARKABL	STANDARDS ON HND	STANDARDS SOURCE
p-Cresol	4-Methyl phenol \ Phenol, 4-methyl	106445	1319773	AIR HSL RCRA RCRA_IX SEC_313	012-03 C365 091-01 202 142	GCMS	ASRCH			Y	Y				Y		LV
1,4-Dichlorobenzene	Benzene, 1,4-dichloro- \ p-Dichlorobenzene	106467	25321226	AIR HSL P-POLL RCRA RCRA_IX SEC_313	013-02 C340 027 117 048 143	GCMS	1625	4129		Y	Y	Y	Y Y		Y		CIN LV
Benzenamine, 4-chloro-	p-Chloroaniline	106478		HSL RCRA RCRA_IX	C455 072 030	GCMS	BSRCH	234		Y	Y				Y		ALD ALF
1,2-Dibromoethane	Ethylene dibromide \ EDB	106934		AIR ODW_CWS PARA-4C RCRA RCRA_IX SEC_313 SWDA	017 015 014 175 128 148 075	GCMS	VSRCH	986		Y	Y				Y		LV SCC
2-Propenal	Acrolein	107028		AIR DAG_SRB P-POLL RCRA RCRA_IX SEC_313 VTOX	002 055 002 006 225 150 089	GCMS	1624	6			Y	Y	DERIV		Y		ALD CIN
1-Propene, 3-chloro-	Allyl chloride \ 3-Chloropropene	107051		AIR MICH RCRA RCRA_IX SEC_313	004 100 013 229 151	GCMS	VSRCH	24			Y				Y		ALD CIN

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1,2-Dichloroethane	Ethylene dichloride \ EDC	107062	1_065	AIR HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	018 C065 010 176 129 152 005	GCMS	1624	68			Y	Y			Y		CIN
Ethyl cyanide	Propionitrile \ Propanenitrile	107120		RCRA RCRA_IX VTOX	173 219 092	GCMS	VSRCH	5			Y				Y		LV
2-Propenenitrile	Acrylonitrile	107131		AIR P-POLL RCRA RCRA_IX SEC_313 VTOX	003 003 008 231 153 382	GCMS	1624	5			Y	Y	TAIL		Y		ALD CIN LV
Chloroacetonitrile	Chloroethanenitrile	107142		PARA-4C	008	GCMS	VSRCH				Y				Y		SCC
2-Propen-1-ol	Allyl alcohol	107186		RCRA RCRA_IX VTOX	012 234 095	GCMS	VSRCH	7			Y	Y	Y		Y		ALD LV
Tetraethylpyrophosphate	TEPP \ Phosphoric acid, tetraethyl ester	107493		RCRA VTOX	343 099	CGCFPD	1618	4762		Y	Y	Y			Y	Y	ATH EPA
Vinyl acetate	Acetic acid, ethenyl ester	108054		HSL RCRA_IX SEC_313 VTOX	C125 005 156 406	GCMS	VSRCH				Y				Y		ALD LV
4-Methyl-2-pentanone	MIBK \ Methylisobutylketone	108101		HSL PARA_4C RCRA_IX SEC_313	C215 186 185 157	GCMS	VSRCH			Y	Y				Y		ALD LV

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1-Bromo-3-chlorobenzene	3-Bromochlorobenzene	108372		PARA-4C	005	GCMS	BSRCH	4373		Y	Y	Y	Y Y		Y		CIN PAB SCC
Resorcinol	1,3-Benzenediol	108463		RCRA RCRA_IX	318 067	GCMS	BSRCH	123		Y	Y	Y	Y Y		Y	Y	ALD ATH LV
bis(2-Chloroisopropyl) ether	Propane, 2,2'-oxybis[1-chloro-	108601	1_070	HSL ODW_CWS P-POLL RCRA RCRA_IX SEC_313	C360 037 042 046 217 161	GCMS	1625	751		Y	Y		Y		Y		CIN
Toluene	Benzene, methyl	108883		AIR HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313 SWDA	035 C230 017 086 196 360 056 163 059	GCMS	1624	3998			Y	Y	Y Y		Y		CIN
Chlorobenzene	Benzene, chloro-	108907	1_064	HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313 SWDA	C235 006 007 197 073 051 164 009	GCMS	1624	4029			Y	Y	Y Y		Y		CIN

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Phenol	Carbolic acid	108952		AIR HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	030 C315 065 199 296 187 165 102	GCMS	1625	3999		Y	Y	Y	Y	Y		Y		CIN
Benzenethiol	Thiophenol \ Mercaptobenzene	108985		PARA_4C RCRA RCRA_IX VTOX	200 356 070 103	GCMS	BSRCH	4343		Y	Y	Y	Y	Y		Y		ALD LV
2-Picoline	alpha-Picoline \ 2-Methylpyridine	109068		P-POLL PARA_4C RCRA RCRA_IX	503 201 305 238	GCMS	1625	3999		Y	Y	Y	Y	Y	TAIL	Y		CIN
trans-1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-, (E)-	110576	764410	RCRA RCRA_IX VTOX	120-01 088 108	GCMS	VSRCH	4055			Y					Y		ALD LV
2-Chloroethylvinyl ether	Ethene, (2-chloroethoxy)	110758	1_070	P-POLL RCRA RCRA_IX	019 077 135	GCMS	1624	110			Y	Y	Y	Y		Y		CIN
Pyridine		110861		PARA_4C RCRA RCRA_IX SEC_313	208 316 237 169	GCMS	BSRCH	27		Y	Y					Y		LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC GK	LC O K	LC 3 C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
bis(2-Chloroethyl) ether	Dichloroethyl ether	111444	1_070	HSL	C325	GCMS	1625	4112		Y	Y	Y			Y		CIN
				P-POLL	018												
				PARA_4C	211												
				RCRA	045												
				RCRA_IX	123												
				SEC_313	171												
				VTOX	111												
bis(2-Chloroethoxy)methane	Ethane, 1,1'-(methylen ebis(oxy))bis(2-chloro-	111911	1_070	HSL	C435	GCMS	1625	780		Y	Y	Y			Y		CIN
				P-POLL	043												
				RCRA	044												
				RCRA_IX	122												
n-Dodecane	n-C12	112403		APP-C	003	GCMS	1625			Y	Y				Y		SUP
				P-POLL	506												
				PARA_4C	221												
n-Eicosane	n-C20	112958		APP-C	007	GCMS	1625			Y	Y				Y		SUP
				P-POLL	521												
				PARA_4C	229												
Phosphorodithioic acid, O,O-diethyl O -(p-(methylsulfinyl)phenyl ester	Fensulfothion \ Desanit	115902		NICH	095	CGCFPD	1618	4850		Y	Y				Y		CIN
				VTOX	115												LV
bis(2-Ethylhexyl) phthalate		117817	1_303	FTC	011	GCMS	1625	5054		Y	Y	Y	Y	Y	Y		CIN
				HSL	C745												
				P-POLL	066												
				PARA_4C	232												
				RCRA	048												
				RCRA_IX	061												
				SEC_313	176												

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Di-n-octyl phthalate	Phthalic acid, dioctyl ester	117840	1_303	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	C760 069 233 163 066 177 118	GCMS	1625	5054		Y	Y	Y	Y	Y			Y	CIN
Hexachlorobenzene	HCB \ Benzene, hexachloro-	118741	1_064	HSL P-POLL RCRA RCRA_IX SEC_313	C630 009 194 055 178	GCMS	1625	4754		Y	Y	Y	Y	Y			Y	CIN LV
1,1'-Biphenyl-4,4'-diamine, 3,3'-dimethoxy	3,3'-Dimethoxybenzidine	119904		RCRA RCRA_IX SEC_313	146 080 179	GCMS	BSRCH			Y	Y						Y	LV
Anthracene		120127	3-065	HSL P-POLL PARA_4C RCRA_IX SEC_313	C645 078 239 010 181	GCMS	1625			Y	Y						Y	ALD CIN
1,3-Benzodioxole, 5-(1-propenyl)-	Isosafrole	120581		RCRA RCRA_IX	211 071	GCMS	BSRCH	4229		Y	Y						Y	LV
2-Methylbenzothioazole		120752		PARA-4C	029	GCMS	BSRCH			Y	Y						Y	SCC
1,2,4-Trichlorobenzene	Benzene, 1,2,4-trichloro-	120821	12002481	HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313	C445 011 008 242 369 045 184	GCMS	1625	4317		Y	Y	Y	Y	Y			Y	CIN LV

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2,4-Dichlorophenol	Phenol, 2,4-dichloro-	120832	1_068	HSL P-POLL PARA_4C RCRA RCRA_II SEC_313	C440 031 243 125 195 185	GCMS	1625	628		Y	Y	Y	Y	Y			Y	CIN
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro	121142		HSL P-POLL PARA_4C RCRA RCRA_II SEC_313	C570 035 244 160 039 186	GCMS	1625	4327		Y	Y	Y	Y	Y			Y	CIN
1-Chloro-3-nitrobenzene	3-chloronitrobenzene	121733		PARA-4C	010	GCMS	BSRCH			Y	Y						Y	SCC
Succinic acid, mercapto-, diethyl ester, S-ester with O,O-dimethyl phosphorodithioate	Malathion \ Sumitox	121755		MICH	108	CGCFPD	1618	4925		Y	Y						Y	CIN LV
Diphenylamine	Benzenamine, N-phenyl	122394		APP-C P-POLL PARA_4C RCRA RCRA_II	018 507 246 164 034	GCMS	1625	4272		Y	Y		Y	Y	TAIL		Y	CIN
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl	122667		HSL P-POLL RCRA RCRA_II SEC_313	C620 037 165 145 188	GCMS	1625	4343		Y	Y		Y				Y	CIN
1,4-Dioxane	p-Dioxane \ 1,4-Diethyleneoxide	123911		P-POLL PARA-4C RCRA RCRA_II SEC_313	527 024 135 118 192	GCMS	1624	3935			Y						Y	LV

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n-Decane	n-C10	124185		APP-C P-POLL PARA_4C	002 517 258	GCMS	1625			Y	Y				Y		SUP
Dibromochloromethane	Chlorodibromomethane \ Methane, dibromochloro-	124481	1_193	HSL GDW_CWS P-POLL RCRA_II	C155 003 051 157	GCMS	1624				Y				Y		CIN
2-Propenenitrile, 2-methyl-	Methacrylonitrile	126987		RCRA RCRA_II VTOX	225 230 124	GCMS	VSRCH	13			Y	Y			Y		ALD LV
2-Chloro-1,3-butadiene	Chloroprene \ 1,3-Butadiene, 2-chloro	126998		AIR MICH RCRA RCRA_II SEC_313	011 029 083 085 194	GCMS	VSRCH	48			Y						DUP EXX
Tetrachloroethene	Perchloroethylene \ Ethene, tetrachloro	127184		AIR HSL P-POLL PARA_4C RCRA RCRA_II SEC_313 SWDA	029 C220 065 260 339 139 195 002	GCMS	1624	656			Y	Y	Y		Y		CIN
Pyrene	Benzo[def]phenanthrene	129000	3-065	HSL P-POLL PARA_4C RCRA_II VTOX	C715 084 262 236 126	GCMS	1625			Y	Y				Y		CIN
1,4-Naphthoquinone	1,4-Naphthalenedione	130154		RCRA RCRA_II	251 160	GCMS	BSRCH	4209		Y	Y				Y		ALD

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1,2-Benzenedicarboxylic acid, dimethyl ester	Dimetnyl phthalate	131113	1_303	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	C535 071 263 155 065 197 128	GCMS	1625	4392		Y	Y	Y	Y	Y		Y		CIN
Dibenzofuran		132649		APP-C HSL P-POLL PARA-4C RCRA_IX SEC_313	015 C565 505 012 110 198	GCMS	1625			Y	Y					Y		ALD
Dibenzothiophene		132650		P-POLL PARA-4C	504 013	GCMS	1625			Y	Y					Y		ALD
4-Cyclohexene-1,2-dicarboximide N-(trichloromethyl)thio-	Captan	133062		MICH RPAR SEC_313	044 007 199	CGCEC	1618	4812		Y	Y					Y		CIN LV
1-Naphthylamine	alpha-Naphthylamine	134327		RCRA RCRA_IX SEC_313	252 175 202	GCMS	BSRCH	4118		Y	Y					Y		LV
Aniline, 2,4,5-trimethyl-	2,4,5-Trimethylaniline	137177		MICH	011	GCMS	BSRCH			Y	Y					Y		CIN PAB
Sulfurous acid, 2-chloroethyl-, 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	Aramite	140578		FTC RCRA RCRA_IX	002 022 244	GCMS	BSRCH	4937		Y	Y					Y		LV
Phosphoric acid, dimethyl ester, ester with (E)-3-hydrox-N,N-dimethylcrotonamide	Dicrotophos \ Bidrin	141662		MICH VTOX	081 132	CGCFPD	1618	4587		Y	Y					Y		CIN

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1,3-Dichloropropane		142289	26638197	ODW_CWS RCRA	025 128-01	GCMS	VSRCH				Y				Y		ALD
Hexanoic acid	Caproic acid	142621		ITD PARA_4C	275 275	GCMS	ASRCH			Y	Y				Y		ALD
1,3,4-Metheno-2H-cyclobuta(cd)pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	Kepone	143500		RCRA RCRA_IX	212 172	CGCEC	1618	5:73		Y	Y				Y		LV
trans-1,2-Dichloroethene	Ethene, 1,2-dichloro-, (E)-	156605	540590	ODW_CWS P-POLL RCRA RCRA_IX SWDA	005 030 122 137 013	GCMS	1624	4020			Y		Y		Y		CIN
Benzo(ghi)perylene		191242	3-065	HSL P-POLL RCRA_IX	C750 079 076	GCMS	1625			Y	Y				Y		CIN
Indeno(1,2,3-cd)pyrene		193395	3-065	HSL P-POLL RCRA RCRA_IX	C780 083 207 146	GCMS	1625	2020		Y	Y	Y	Y	Y	Y		CIN
Perylene		198550	3-065	PARA-4C	039	GCMS	BSRCH			Y	Y				Y		SCC
4,5-methylene phenanthrene		203645	3-065	PARA-4C	030	GCMS	BSRCH			Y	Y				Y		SCC
Benzo(b)fluoranthene	Benz(e) acephenanthrylene	205992	3-065	HSL P-POLL RCRA RCRA_IX	C765 074 037 023	GCMS	1625	1780		Y	Y	Y	Y	Y	Y		CIN

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Fluoranthene		206440	3-065	HSL	C655	GCMS	1625	1216		Y	Y	Y	Y		Y		CIN
				P-POLL	039												
				PARA_4C	283												
				RCRA	185												
				RCRA_IX	141												
Benzo(k)fluoranthene		207089	3-065	HSL	C770	GCMS	1625			Y	Y				Y		CIN
				P-POLL	075												
				PARA_4C	284												
				RCRA_IX	073												
Acenaphthylene		208968	3-065	HSL	C540	GCMS	1625			Y	Y				Y		ALD
				P-POLL	077												CIN
				PARA_4C	285												
				RCRA_II	081												
Triphenylene		217594	3-065	PARA-4C	053	GCMS	BSRCH			Y	Y				Y		SCC
Chrysene		218019	3-065	HSL	C740	GCMS	1625	4557		Y	Y	Y	Y		Y		CIN
				P-POLL	076												
				PARA_4C	286												
				RCRA	086												
				RCRA_II	093												
2,3-Benzofluorene		243174	3-065	PARA-4C	082	GCMS	BSRCH			Y	Y				Y		SCC
1,3,5-Trithiane		291214		PARA-4C	055	GCMS	BSRCH			Y	Y				Y		SCC
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl)ester	Methyl parathion \ Parathion-methyl \ Metaphos	298000		RCRA	245	GCFPD	1618	4693		Y	Y				Y		CIN
				RCRA_IX	210												LV
				RPAR	026												
				VTOX	143												
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	Famphos \ Phorate \ Thimet	298022		RCRA	302	GCFPD	1618	4683		Y	Y	Y	Y		Y		LV
				RCRA_II	205												
				VTOX	144												

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Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	Disulfoton	298044		RCRA RCRA_IX VTOX	167 206 145	CGCFPD	1618	4730		Y	Y				Y		CIN LV
Phosphoric acid, 1,2-dibromo-2,2-dichloroethyl dimethyl ester	Naled \ Dibrom	300765		MICH RPAR	078 001	CGCFPD	1618	3831		Y	Y				Y		CIN LV
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo,exo-	Aldrin	309002		HSL P-POLL RCRA RCRA_IX RPAR SEC_313 VTOX	C835 089 011 116 001 212 148	CGCEC	1618	5002		Y	Y	Y		Y	Y	Y	ATH EPA LV
alpha-BHC	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1a	319846	608731	HSL P-POLL RCRA_IX	C810 102 098	CGCEC	1618			Y	Y				Y		CIN LV
beta-BHC		319857	608731	HSL P-POLL RCRA_IX	C815 103 099	CGCEC	1618			Y	Y				Y		CIN LV
delta-BHC		319868	608731	HSL P-POLL RCRA_IX	C820 105 100	CGCEC	1618			Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) ester	Diazinon \ Spectracide	333415		MICH RPAR	094 014	CGCFPD	1618	4834		Y	Y				Y	Y	ATH EPA LV
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-endo,endo-dimethanonaphthalene	Isodrin (Stereoisomer of Aldrin)	465736		RCRA RCRA_IX VTOX	210 117 156	CGCEC	1618	5002		Y	Y				Y		CIN LV
Phosphoric acid, 2-chloro-1-(2,4-dichlorophenyl)vinyl dimethyl ester	Chlorfenvinphos \ Supona	470906		MICH VTOX	076 157	CGCFPD	1618	4992		Y	Y				Y		CIN LV

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Longifolene		475207		PARA-4C	028	GCMS	BSRCH			Y	Y				Y		SCC
Thioxanthe-9-one	Thioxanthone \ Thiaxanthone	492228		PARA-4C	047	GCMS	BSRCH			Y	Y				Y		SCC
Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy, ethyl ester	Chlorobenzilate \ Ethyl-4,4'-dichlorobenzilate	510156		FTC RCRA RCRA_IX SEC_313	006 074 060 217	CGCEC	1618	4906		Y	Y				Y		LV
Phosphoric acid, trimethyl ester	Trimethylphosphate	512561		MICH	083	CGCFPD	1618			Y	Y				Y		CIN SIG
Phenol, 2-methyl-4,6-dinitro-	Dinitrocresol \ DNOC \ 4,6-Dinitro-o-cresol	534521		P-POLL RCRA RCRA_IX SEC_313 VTOX	060 158 191 219 167	GCMS	1625			Y	Y						ALD
1,3-Dichlorobenzene	Benzene, 1,3-dichloro- \ m-Dichlorobenzene	541731	25321226	HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313	C335 007 026 315 116 047 222	GCMS	1625	4129		Y	Y	Y	Y	Y	Y		CIN
n-Hexadecane	n-C16	544763		APP-C P-POLL PARA_4C	005 519 317	GCMS	1625			Y	Y				Y		SUP
Phosphorodithioic acid, S,S'-metnylene O,O,O',O'-tetraethyl ester	Ethion \ Bladan	563122		MICH VTOX	092 179	CGCFPD	1618	5037		Y	Y				Y		CIN LV
Ammonium, (4-(p-(dimethylamino)-alpha-phenylbenzylidine)-2,5-cylconexadien-1-ylidene)-dimethyl chloride	Malachite green \ C.I. Basic Acid Green 4	569642		MICH SEC_313	006 225	GCMS	BSRCH			Y	Y				Y	Y	ATH CIN

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2-Hexanone		591786		HSL RCRA_IX	C210 144	GCMS	VSRCH			Y	Y						Y	LV
n-Octadecane	n-C18	593453		APP-C P-POLL PARA_4C	006 520 333	GCMS	1625			Y	Y						Y	SUP
1-Phenylnaphthalene		605027	3-065	PARA-4C	041	GCMS	BSRCH			Y	Y						Y	SCC
2,6-Dinitrotoluene	Benzene, 2-methyl-1,3-dinitro-	606202		HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C543 036 335 161 050 228	GCMS	1625	4327		Y	Y	Y	Y	Y			Y	CIN
2,3-Dichloroaniline		608275		PARA-4C	015	GCMS	BSRCH			Y	Y						Y	SCC
Pentachlorobenzene	Benzene, pentachloro-	608935	1_064	RCRA RCRA_IX	289 058	GCMS	BSRCH	4635		Y	Y	Y	Y	Y			Y	ALD
2-Phenylnaphthalene		612942	3-065	PARA-4C	042	GCMS	BSRCH			Y	Y						Y	SCC
N-Nitrosomethylphenylamine		614006	35576911	PARA-4C	035	GCMS	BSRCH			Y	Y						Y	SCC
2-(methylthio)benzothiazole		615225		PARA-4C	036	GCMS	BSRCH			Y	Y						Y	SCC
Di-n-propylnitrosamine	N-Nitrosodi-n-propylamine	621647	35576911	HSL P-POLL RCRA RCRA_IX SEC_313	C370 063 166 213 230	GCMS	1625	4071		Y	Y		Y				Y	CIN
n-Tetradecane	n-C14	629594		APP-C P-POLL PARA_4C	004 516 354	GCMS	1625			Y	Y						Y	SUP

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n-Docosane	n-C22	629970		APP-C P-POLL PARA_4C	008 522 360	GCMS	1625			Y	Y				Y		SUP
n-Hexacosane	n-C26	630013		APP-C P-POLL PARA_4C	010 524 362	GCMS	1625			Y	Y				Y		SUP
n-Octacosane	n-C28	630024		APP-C P-POLL PARA_4C	011 525 363	GCMS	1625			Y	Y				Y		SUP
1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-	630206	25322207	ODW_CWS PARA-4C RCRA RCRA_II	033 044 337 125	GCMS	VSRCH	684			Y				Y		LV SCC
1,2,3-Trimethoxybenzene		634366		PARA-4C	052	GCMS	BSRCH			Y	Y				Y		SCC
n-Triacontane	n-C30	638686		APP-C P-POLL PARA_4C	012 526 367	GCMS	1625			Y	Y				Y		SUP
n-Tetracosane	n-C24	646311		APP-C P-POLL	009 523	GCMS	1625			Y	Y				Y		SUP
Phosphoric triamide, hexamethyl-	Hexamethylphosphoramide \ HMPA	680319		MICH SEC_313	085 233	CGCFPD	1618	883		Y	Y				Y	Y	ALD ATH PAB
1-Bromo-2-chlorobenzene	2-Bromochlorobenzene	694804		PARA-4C	004	GCMS	BSRCH	4373		Y	Y	Y	Y	Y	Y		SCC
Pentamethylbenzene		700129		PARA-4C	038	GCMS	BSRCH			Y	Y				Y		SCC
2,6-di-tert-Butyl-p-benzoquinone		719222		PARA-4C	026	GCMS	BSRCH			Y	Y				Y		SCC

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Phosphorodithioic acid, O,O-dimethyl ester, S-ester withN-(mercaptomethyl)phthalimide	Phosmet \ Imidan	732116		MICH RPAR VTOX	090 034 199	CGCFPD	1618			Y	Y								LV
Phosphorodithioic acid, s(((p-chlorophenyl)thio)methyl) O,O-diethyl ester	Carbophenothion \ Trithion	786196		MICH VTOX	086 201	CGCEC	1618	4955		Y	Y						Y		CIN LV
1-Methylphenanthrene		832699	3-065	PARA-4C	033	GCMS	BSRCH			Y	Y						Y		SCC
Diphenyldisulfide	Diphenyl sulfide	882337		PARA-4C	025	GCMS	BSRCH			Y	Y						Y		SCC
N-Nitrosodi-n-butylamine	1-Butenamine, N-butyl-N-nitroso	924163	35576911	RCRA RCRA_IX SEC_313	270 086 237	GCMS	BSRCH	574		Y	Y						Y		LV
2,3,6-Trichlorophenol		933755	1_068	P-POLL PARA-4C	530 050	GCMS	1625	1117		Y	Y	Y	Y	Y			Y		SCC
Endosulfan-I	Thiodan I	959988	115297	HSL P-POLL RCRA RCRA_IX	C045 095 169-01 170	CGCEC	1618			Y	Y						Y		CIN LV
Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl ester	Tetrachlorvinphos \ Gardona	961115		MICH SEC_313	077 238	CGCFPD	1618	5005		Y	Y						Y		CIN LV
2,5-Methano-2H-indeno(1,2b)oxirene, 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro- (alpha, beta, andgamma isomers)	Heptachlor epoxide	1024573		HSL MICH P-POLL RCRA RCRA_IX	C040 050 101 193 169	CGCEC	1618	5042		Y	Y	Y	Y				Y		CIN LV
Endosulfan sulfate	6,9-Methano-2,3,4-benzodioxathiepin, 6,7	1031078		HSL P-POLL	C060 097	CGCEC	1618			Y	Y						Y		CIN LV

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1,2:3,4-Diepoxybutane	Erythritol anhydride \ 2,2'-Bioxirane	1464535		RCRA SEC_313 VTOX	133 251 231	GCMS	BSRCH	42		Y	Y		Y		Y		ALD
3,6-Dimethylphenanthrene		1576676	3-065	PARA-4C	020	GCMS	BSRCH			Y	Y				Y		SCC
p-Toluidine, alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-	Trifluralin \ Treflan	1582098		MICH RPAR SEC_313	115 039 252	CGCEC	1618			Y	Y				Y		CIN LV
Benzonitrile, 3,5-dibromo-4-hydroxy-	Bromoxynil \ 3,5-Dibromo-4-hydroxybenzonitrile	1689845		MICH	025	GCMS	ASRCH	4734		Y	Y				Y	Y	ATH EPA LV
1-Methylfluorene		1730376	3-065	PARA-4C	031	GCMS	BSRCH			Y	Y				Y		SCC
Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-	Dioxin \ TCDD \ 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016		AIR FTC P-POLL RCRA RCRA_IX SWDA	015 026 129 332 105 061	DIOXIN	HIRES	4894		Y	Y	Y	Y	Y	Y		CIN
Ether, 2,4-dichlorophenyl p-nitrophenyl-	Nitrofen \ TOK	1836755		MICH SEC_313	047 254	CGCEC	1618	4758		Y	Y				Y		CIN LV
Hexachloropropene	1-Propene, 1,1,2,3,3,3-hexachloro-	1888717		RCRA RCRA_IX	201 226	GCMS	BSRCH	5713		Y	Y				Y		ALD LV
2-Isopropylnaphthalene		2027170	3-065	PARA-4C	027	GCMS	BSRCH			Y	Y				Y		SCC
Phosphorothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester	EPN \ Santox	2104645		MICH RPAR VTOX	074 019 245	CGCFPD	1618	4902		Y	Y				Y		CIN LV
1,5-Naphthalenediamine	1,5-Naphalenediamine	2243621		MICH	063	GCMS	BSRCH			Y	Y				Y		CIN

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Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester	Diallate \ Avadex	2303164		FTC RCRA SEC_313	012 105 259	CGCEC	1618	4715		Y	Y	Y	Y		Y	Y	ATH EPA LV
1,3,4-Metheno-1H-cyclobuta[cd]pentalene, 1,1a,2,2,3,3a,4,5,5,5a,5b,6,-dodecachlorooctahydro	Mirex \ Decnlorane	2385855		MICH	062	CGCEC	1618	5205		Y	Y				Y		CIN LV
4-Cyclohexene-1,2-dicarboximide N-((1,1,2,2-tetrachloroethyl)thio)-	Captafol \ Difolatan	2425061		MICH	043	CGCEC	1618	4968		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl ester, S-ester with3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one	Azinphos-ethyl \ Ethyl Guthion	2642719		MICH VTOX	088 258	CGCFPD	1618	4964		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) ester	Chlorpyrifos \ Dursban	2921882		MICH	096	CGCFPD	1618	2724		Y	Y				Y		CIN LV
2,3-Dichloronitrobenzene		3209221		PARA-4C	017	GCMS	BSRCH			Y	Y				Y		SCC
Octachlorodibenzo-p-dioxin		3268879		FTC ITD	032 003	DIOXIN	HIRES			Y	Y				Y		CIL LV
Thiopyrophosphoric acid (((HO)2P(S)]2O), tetraethylester	Sulfotepp \ Bladafum \ Tetraethyldithiopyrophosphate	3689245		RCRA RCRA_IX VTOX	341 246 268	CGCFPD	1618	4899		Y	Y	Y			Y	N	ATH LV
2-Butenal	Crotonaldehyde \ Crotylaldehyce	4170303		PARA_4C RCRA VTOX	410 092 276	GCMS	VSRCH	16			Y						ALD LV
Phosphoric acid, dimethyl ester, ester with (E)-3-hydroxy-N-methylcrotonamide	Monocrotophos \ Azodrin	6923224		MICH VTOX	082 284	CGCFPD	1618	4527		Y	Y				Y	Y	ATH EPA LV

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4-Chlorophenylphenyl ether	Benzene, 1-chloro-4-phenoxy	7005723	1_070	HSL P-POLL RCRA_IX	C565 040 038	GCMS	1625			Y	Y						Y	CIN
Endrin aldehyde		7421934	1_177	HSL P-POLL RCRA_IX	C075 099 173	CGCEC	1618			Y	Y						Y	CIN LV
Aluminum	Al	7429905		HSL RCRA_IX SEC_313 SWDA	Z13 009 269 031	ICP	200											ALD CIN
Dysprosium	Dy	7429916		ITD	Z66	ICP	200											CIN
Iridium	Ir	7439885		ITD	Z77	ICP	200											CIN
Iron	Fe	7439896		HSL RCRA_IX	Z26 147	ICP	200											CIN
Lanthanum	La	7439910		ITD	Z57	ICP	200											CIN
Lead	Pb	7439921		HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	Z82 122 214 148 270 025	ICP	200										Y	CIN
Lithium	Li	7439932		MICH	061	ICP	200										Y	CIN
Lutetium	Lu	7439943		ITD	Z71	ICP	200										Y	CIN
Magnesium	Mg	7439954		HSL RCRA_IX	Z12 149	ICP	200											CIN

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Manganese	Mn	7439965		AIR HSL RCRA_IX SEC_313	023 225 150 271	ICP	200										CIN
Mercury	Hg	7439976		HSL P-PLL RCRA RCRA_IX SEC_112 SEC_313 SWDA	280 123 224 151 003 272 026	CVAA	245									Y	CIN
Molybdenum	Mo	7439987		ITD SWDA	242 033	ICP	200										CIN
Neodymium	Nd	7440008		ITD	260	ICP	200										CIN
Nickel	Ni	7440020		AIR HSL P-PLL RCRA RCRA_IX SEC_313 SWDA VTOX	027 228 124 255 182 273 039 285	ICP	200										CIN
Niobium	Nb	7440031		ITD	241	ICP	200										CIN
Osmium	Os	7440042		APRIL RCRA_IX	276 183	ICP	200										CIN
Palladium	Pd	7440053		ITD	246	ICP	200										CIN
Platinum	Pt	7440064		ITD	278	ICP	200										CIN
Potassium	K	7440097		HSL RCRA_IX	219 212	ICP	200										CIN

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Praseodymium	Pr	7440100		ITD	259	ICP	200								CIN
Rhenium	Re	7440155		ITD	275	ICP	200								CIN
Rhodium	Rh	7440166		ITD	245	ICP	200								CIN
Ruthenium	Ru	7440188		ITD	244	ICP	200								CIN
Samarium	Sm	7440199		ITD	262	ICP	200								CIN
Scandium	Sc	7440202		ITD	221	ICP	200								CIN
Silicon	Si	7440213		ITD	214	ICP	200								CIN
Silver	Ag	7440224		HSL	247	FURNAA	272							Y	CIN
				P-PLL	126										
				RCRA	325										
				RCRA_IX	241										
				SEC_313	274										
				SWDA	029										
Sodium	Na	7440235		HSL	211	ICP	200								CIN
				RCRA_IX	242										
				SWDA	038										
Strontium	Sr	7440246		ITD	238	ICP	200								CIN
Tantalum	Ta	7440257		ITD	273	ICP	200								CIN
Terbium	Tb	7440279		ITD	265	ICP	200								CIN
Thallium	Tl	7440280		HSL	281	FURNAA	279							Y	CIN
				P-PLL	127										
				RCRA	345										
				RCRA_IX	245										
				SEC_313	275										
				SWDA	041										

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Thorium	Th	7440291		ITD	250	ICP	200									CIN
Thulium	Tm	7440304		ITD	269	ICP	200									CIN
Tin	Sn	7440315		APRIL RCRA_IX	250 247	ICP	200									CIN
Titanium	Ti	7440326		ITD	222	ICP	200									CIN
Tungsten	W	7440337		ITD	274	ICP	200									CIN
Antimony	Sb	7440360		HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	251 114 021 011 276 032	FURNAA	204								Y	CIN
Arsenic	As	7440382		HSL P-POLL RCRA RCRA_IX SEC_112 SEC_313 SWDA	233 115 023 019 088 277 021	FURNAA	206								Y	CIN
Barium	Ba	7440393		HSL RCRA RCRA_IX SEC_313 SWDA	256 029 020 278 022	ICP	200								Y	CIN

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Beryllium	Be	7440417		AIR	006	ICP	200								Y		CIN
				HSL	204												
				P-POLL	117												
				RCRA	043												
				RCRA_IX	078												
				SEC_112	002												
				SEC_313	279												
				SWDA	042												
Boron	B	7440428		ITD	285	ICP	200										CIN
Cadmium	Cd	7440439		AIR	007	ICP	200								Y		CIN
				HSL	248												
				P-POLL	118												
				RCRA	055												
				RCRA_IX	089												
				SEC_313	280												
				SWDA	023												
Cerium	Ce	7440451		ITD	258	ICP	200										CIN
Chromium	Cr	7440473		HSL	224	ICP	200								Y		CIN
				P-POLL	119												
				RCRA	085												
				RCRA_IX	092												
				SEC_313	281												
				SWDA	024												
Cobalt	Co	7440484		HSL	227	ICP	200										CIN
				MICH	036												
				RCRA_IX	094												
				SEC_313	282												
				VIOX	286												

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA GC IYZE CT OK	LC O K ? C 3 NOTES	STANDARDS MAK ON ABL HND	SOURCES
Copper	Cu	7440508		HSL P-POLL RCRA_IX SEC_313 SWDA	Z29 120 095 283 036	ICP	200					CIN
Erbium	Er	7440520		ITD	Z68	ICP	200					CIN
Europium	Eu	7440531		ITD	Z63	ICP	200					CIN
Gallium	Ga	7440553		ITD	Z31	ICP	200					CIN
Germanium	Ge	7440564		ITD	Z32	ICP	200					CIN
Gold	Au	7440575		ITD	Z79	ICP	200					CIN
Hafnium	Hf	7440586		ITD	Z72	ICP	200					CIN
Holmium	Ho	7440608		ITD	Z67	ICP	200					CIN
Uranium	U	7440611		ITD SWDA	Z92 081	ICP	200					CIN
Vanadium	V	7440622		HSL RCRA_IX SEC_313 SWDA	Z23 249 284 037	ICP	200					CIN
Ytterbium	Yb	7440644		ITD	Z70	ICP	200					CIN
Yttrium	Y	7440655		ITD	Z39	ICP	200					CIN
Zinc	Zn	7440666		HSL P-POLL RCRA_IX SEC_313 SWDA	Z30 128 250 285 240	ICP	200					CIN

ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IZE	EX TRA CT	GC MS	LC 0 K	LC ?	LC 3 C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOURCES
Zirconium	Zr	7440677		ITD	240	ICP	200											CIN
Bismuth	Bi	7440693		ITD	283	ICP	200											CIN
Calcium	Ca	7440702		HSL RCRA_IX	220 090	ICP	200											CIN
Iridium	Ir	7440746		ITD	249	ICP	200											CIN
Iodine	I	7553562		ITD	253	ICP	200											CIN
Ammonia		7664417		ITD SEC_313 VTOX	W01 290 384	WET	350											ALD
Squalene		7683649		PARA-4C	056	GCMS	BSRCH			Y	Y					Y		SCC
Crotonic acid, 3-hydroxy, alpha-methylbenzyl ester, dimethylphosphate (E)	Crotoxyphos \ Ciodrin	7700176		MICH	041	GCMS	BSRCH	4871		Y	Y					Y	Y	ATH EPA LV
Sulfur	S	7704349		ITD	216	ICP	200											CIN
Phosphorus (black, white, red, yellow, or violet)	P	7723140		ITD SEC_313 VTOX	215 293 298	ICP	200											CIN
Selenium	Se	7782492		HSL P-PCLL RCRA RCRA_IX SEC_313 SWDA	234 125 322 240 295 028	FURNAA	270									Y		CIN
Crotonic acid, 3-hydroxy-, methyl ester, dimethyl phosphate (E)-	Mevinphos \ Phosdrin	7786347		MICH VTOX	042 310	GCFPD	1618	4531		Y	Y					Y		CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC QK	LC O K	LC ?	LC 3 C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU- RCES
Toxaphene	Camphechlor	8001352		HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	C920 113 368 248 398 047 314	CGCEC	1618			Y	Y		Y	Y			Y	CIN LV
Phosphorodithioic acid, O,O-diethyl O-(2-(ethylthio)ethyl) ester mixed with O,O-diethyl S-(2-(ethylthio)ethyl) ester (7:3)	Demeton \ Systox	8065483		MICH VTOX	093 316	CGCFPD	1618			Y	Y						Y	CIN LV
cis-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (Z)-	10061015	542756	HSL RCRA RCRA_IX RPAR	C143 131-01 228 015-01	GCMS	VSRCH				Y						Y	LV
trans-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (E)-	10061026	542756	HSL P-POLL RCRA RCRA_IX RPAR	C172 033 131-02 227 015-02	GCMS	1624				Y						Y	CIN
N-Nitrosomethylethylamine	Ethanamine, N-methyl-N-nitroso	10595956	35576911	RCRA RCRA_IX	275 120	GCMS	BSRCH	175		Y	Y						Y	LV
PCB-1260	Aroclor 1260	11096825	1336363	HSL P-POLL RCRA RCRA_IX	C955 111 326-06 018	CGCEC	1618	5267		Y	Y	Y	Y	Y			Y	CIN LV
PCB-1254	Aroclor 1254	11097691	1336363	HSL P-POLL RCRA RCRA_IX	C950 107 38E-05 017	CGCEC	1618	5267		Y	Y	Y	Y	Y			Y	CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC ?	LC 3 C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU RCE
PCB-1221	Aroclor 1221	11104282	1336363	HSL	C930	CGCEC	1618			Y	Y					Y		LV
				P-POLL	108													
				RCRA	306-02													
				RCRA_IX	013													
PCB-1232	Aroclor 1232	11141165	1336363	HSL	C935	CGCEC	1618			Y	Y					Y		LV
				P-POLL	109													
				RCRA	306-03													
				RCRA_IX	014													
PCB-1248	Aroclor 1248	12672296	1336363	HSL	C945	CGCEC	1618	5268		Y	Y	Y	Y	Y		Y		CIN
				P-POLL	110													LV
				RCRA	306-04													
				RCRA_IX	016													
PCB-1016	Aroclor 1016	12674112	1336363	HSL	C925	CGCEC	1618			Y	Y					Y		LV
				P-POLL	112													
				RCRA	306-01													
				RCRA_IX	012													
Phosphorodithioic acid, O,O-diethyl-S-(((1,1-dimethylethyl)thio)methyl ester	Terbufos \ Counter	13071733		MICH	087	CGCFPD	1618	4774		Y	Y					Y		CIN
				VTOX	336													LV
Phosphoric acid, dimethyl ester, ester with 2-chloro-N-N-diethyl-3-hydroxycrotonamide	Phosphamicon \ Dimecron	13171216		MICH	060	CGCFPD	1618	48		Y	Y					Y		CIN
				VTOX	339													LV
Tellurium	Te	13494809		ITD	Z52	ICP	200											CIN
				VTOX	346													
Fluoride		16984488		APRIL	A01	WET	340											SYN
				RCRA IX	142													
				SADA	030													
Sulfide		18496258		APRIL	A02	WET	376											CIN
				RCRA_IX	243													

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K ?	LC 3 C	NOTES	STANDARDS MAKABL	STANDARDS ON HND	STANDARDS SOURCES
Tripropyleneglycol methyl ether		20324338	4-311	PARA-4C	054	GCMS	BSRCH			Y	Y				Y		SCC
Phosphorothioic acid, phenyl, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester	Leptophos \ Phosvel	21609905		MICH VTOX	073 360	CGCFPD	1618	5088		Y	Y				Y		CIN LV
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	Pronamide \ Kerb	23950585		RCRA RCRA_IX	309 024	GCMS	BSRCH	4666		Y	Y	Y			Y	Y	ATH EPA LV
Endosulfan-II	Thiodan II	33213659	115297	HSL P-POLL RCRA RCRA_IX	C865 096 169-02 171	CGCEC	1618			Y	Y				Y		CIN LV
Octachlorodibenzofuran	OCDF	39001020		FTC ITD	042 D84	DIOXIN	HIRES			Y	Y				Y		CIL LV
PCB-1242	Aroclor 1242	53469219	1336363	HSL P-POLL RCRA_IX	C940 106 015	CGCEC	1618			Y	Y				Y		CIN LV
Endrin ketone		53494705		RCRA	171-01	CGCEC	1618			Y	Y				Y		LV

COMPOUNDS ON THIS REPORT: 489

EXPLORATION, DEVELOPMENT, AND PRODUCTION OF CRUDE OIL AND NATURAL GAS

TECHNICAL REPORT

FIELD SAMPLING AND ANALYSIS PROJECT

APPENDIX F-2

LIST OF ANALYTES ORDERED BY ANALYSIS TYPE

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IYZE	EX TRA CT	GC OK	LC O K	LC ?	LC 3 C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU- RCES
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	Methoxychlor	72435		HSL RCRA RCRA_IX SEC_313 SWDA	C910 228 041 038 046	CGCEC	1618	4961		Y	Y	Y Y	Y			Y		CIN LV
Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy, ethyl ester	Chlorobenzilate \ Ethyl-4,4'-dichlorobenzilate	510156		FTC RCRA RCRA_IX SEC_313	006 074 060 217	CGCEC	1618	4906		Y	Y					Y		LV
alpha-BHC	Cyclohexane, 1,2,3,4,5,6-hexachloro-,(1a	319846	608731	HSL P-POLL RCRA_IX	C810 102 098	CGCEC	1618			Y	Y					Y		CIN LV
beta-BHC		319857	608731	HSL P-POLL RCRA_IX	C815 103 099	CGCEC	1618			Y	Y					Y		CIN LV
delta-BHC		319868	608731	HSL P-POLL RCRA_IX	C820 105 100	CGCEC	1618			Y	Y					Y		CIN LV
Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl) ester	Diallate \ Avadex	2303164		FTC RCRA SEC_313	012 105 259	CGCEC	1618	4715		Y	Y		Y	Y		Y	Y	ATH EPA LV
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1-alpha, 2-alpha,3-beta, 4-alpha, 5-alpha, 6-beta)	Lindane \ gamma-BHC \ Hexachlorocyclohexane (gamma)	58899	608731	HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	C825 104 218 101 016 045 021	CGCEC	1618	4774		Y	Y	Y Y	Y			Y		CIN LV
4-Cyclohexene-1,2-dicarboximide N-(trichloromethyl)thio-	Captan	133062		MICH RPAR SEC_313	044 007 159	CGCEC	1618	4812		Y	Y					Y		CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ?	LC C	NOTES	STANDARDS LABL	STANDARDS ON HND	STANDARDS SOU-CES
4-Cyclohexene-1,2-dicarboximide N-((1,1,2,2-tetrachloroethyl)thio)-	Captafol \ Difolatan	2425061		MICH	043	CGCEC	1618	4368		Y	Y						Y	CIN LV
4,4'-DDD	Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro	72548		HSL P-POLL RCRA RCRA_II	C870 094 102 042	CGCEC	1618	4887		Y	Y	Y	Y	Y			Y	CIN LV
4,4'-DDE	Benzene, 1,1'-(dichloroethenylidene) bis[4-chloro	72559		FTC HSL P-POLL RCRA RCRA_II	008 C855 093 103 043	CGCEC	1618			Y	Y						Y	CIN LV
4,4'-DDT	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-	50293		FTC HSL P-POLL RCRA RCRA_II	009 C865 092 104 040	CGCEC	1618	2747		Y	Y						Y	CIN LV
2,7:3,6-Dimethanonaphth(2,3-b)oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1a-alpha, 2-beta2a-alpha, 3-beta, 6-beta, 6a-alpha, 7-beta, 7a-alpha)-	Dieldrin	60571		FTC HSL P-POLL PARA_4C RCRA RCRA_IX RPAR	023 C850 090 068 132 114 016	CGCEC	1618	5031		Y	Y	Y	Y	Y				CIN
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1a,2,2a,3,6,6a,7,8,8a-octahydro-endo,endo-	Endrin	72208		HSL P-POLL RCRA RCRA_IX SWDA VTOX	C860 058 171 115 044 036	CGCEC	1618	5031		Y	Y		Y				Y	CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K ?	LC 3 C	NOTES	STANDARDS MAKABL	STANDARDS ON HND	STANDARDS SOURCES
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo,exo-	Aldrin	309002		HSL P-POLL RCRA RCRA_IX RPAR SEC_313 VTOX	C835 089 011 116 001 212 148	CGCEC	1618	5002		Y	Y	Y			Y	Y	ATH EPA LV
Endosulfan-I	Thiodan I	959988	115297	HSL P-POLL RCRA RCRA_IX	C845 095 169-01 170	CGCEC	1618			Y	Y				Y		CIN LV
Endosulfan sulfate	6,9-Methano-2,3,4-benzodioxathiepin, 6,7	1031078		HSL P-POLL	C880 097	CGCEC	1618			Y	Y				Y		CIN LV
Endosulfan-II	Thiodan II	33213659	115297	HSL P-POLL RCRA RCRA_IX	C865 096 169-02 171	CGCEC	1618			Y	Y				Y		CIN LV
Endrin aldehyde		7421934	1_177	HSL P-POLL RCRA_IX	C875 099 173	CGCEC	1618			Y	Y				Y		CIN LV
Endrin ketone		53494705		RCRA	171-01	CGCEC	1618			Y	Y				Y		LV
Ether, 2,4-dichlorophenyl p-nitrophenyl-	Nitrofen \ TOK	1836755		MICH SEC_313	047 254	CGCEC	1618	4758		Y	Y				Y		CIN LV
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-endo,endo-dimethanonaphthalene	Isodrin (Stereoisomer of Aldrin)	465736		RCRA RCRA_IX VTOX	210 117 156	CGCEC	1618	5002		Y	Y				Y		CIN LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	BC OK	LC 0 K	LC ?	LC 3 C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
4,7-Methano-1H-indene 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	Chlordane	57749		FTC 005 HSL C915 P-POLL 091 RCRA 063 RCRA_IX 167 RPAR 008 SEC_313 015 SWDA 051 VTSI 019		CGCEC	1618	6371		Y	Y	Y	Y	Y		Y		CIN LV
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-da,4,7,7a-tetrahydro-	Heptachlor	76448		HSL C830 P-POLL 100 RCRA 192 RCRA_IX 168 RPAR 023 SEC_313 060		CGCEC	1618	5018		Y	Y	Y	Y	Y		Y		CIN LV
2,5-Methano-2H-indeno[1,2b]oxirene, 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro- (alpha, beta, andgamma isomers)	Heptachlor epoxide	1024573		HSL C840 MICH 050 P-POLL 101 RCRA 193 RCRA_IX 169		CGCEC	1618	5042		Y	Y	I	Y	Y		Y		CIN LV
1,3,4-Metheno-1H-cyclobuta(cd)pentalene, 1,1a,2,2,3,3a,4,5,5,5a,5b,6,-dodecachlorooctahydro	Mirex \ Dechlorane	2385855		MICH 062		CGCEC	1618	5205		Y	Y	I				Y		CIN LV
1,3,4-Metheno-2H-cyclobuta(cd)pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	Kepone	143500		RCRA 212 RCRA_IX 172		CGCEC	1618	5173		Y	Y	I				Y		LV
PCB-1016	Aroclor 1016	12674112	1336363	HSL C925 P-POLL 112 RCRA 306-01 RCRA_IX 012		CGCEC	1618			Y	Y	I				Y		LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC-MS OK	LC-MS 3 C	LC-MS NOTES	STANDARDS-MAKE LABEL	STANDARDS-ON HND	STANDARDS-SOURCES
PCB-1221	Aroclor 1221	11104282	1336363	HSL P-POLL RCRA RCRA_IX	C930 108 306-02 013	CGCEC	1618			Y	Y				Y		LV
PCB-1232	Aroclor 1232	11141165	1336363	HSL P-POLL RCRA RCRA_IX	C935 109 306-03 014	CGCEC	1618			Y	Y				Y		LV
PCB-1242	Aroclor 1242	53469219	1336363	HSL P-POLL RCRA_IX	C940 106 015	CGCEC	1618			Y	Y				Y		CIN LV
PCB-1248	Aroclor 1248	12672296	1336363	HSL P-POLL RCRA RCRA_IX	C945 110 306-04 016	CGCEC	1618	5268		Y	Y	Y	Y	Y	Y		CIN LV
PCB-1254	Aroclor 1254	11097691	1336363	HSL P-POLL RCRA RCRA_IX	C950 107 306-05 017	CGCEC	1618	5267		Y	Y	Y	Y	Y	Y		CIN LV
PCB-1260	Aroclor 1260	11096825	1336363	HSL P-POLL RCRA RCRA_IX	C955 111 306-06 018	CGCEC	1618	5267		Y	Y	Y	Y	Y	Y		CIN LV
Pentachloronitrobenzene	PCNB \ Terraclor \ Quintozene	82688		RCRA RCRA_IX RPAR SEC_313	293 059 032 082	CGCEC	1618	2169		Y	Y				Y		LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 ? C	LC NOTES	STANDARDS MAKABLE	STANDARDS ON HAND	STANDARDS SOURCES
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	DNBP \ Dinoseb \ 2-sec-butyl-4,6-dinitrophenol	88857		RCRA RCRA_IX RPAR SWDA VTOX	162 188 017 074 070	CGCEC	1618			Y	N					Y	LV
Phosphorodithioic acid, s(((p-chlorophenyl)thio)methyl) O,O-diethyl ester	Carbophenothion \ Trithion	786196		MICH VTOX	086 201	CGCEC	1618	4955		Y	Y					Y	CIN LV
p-Toluidine, alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-	Trifluralin \ Treflan	1582098		MICH RPAR SEC_313	115 039 252	CGCEC	1618			Y	Y					Y	CIN LV
Toxaphene	Camphechlor	8001352		HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	C920 113 368 248 298 047 314	CGCEC	1618			Y	Y	Y	Y			Y	CIN LV
Coumarin, 3-chloro-7-hydroxy-4-methyl-, O-ester with O,O-diethylpyrophosphorothioate	Coumaphos \ Co-Ral	56724		MICH VTOX	040 013	CGCFPD	1618	5002		Y	Y					Y	CIN LV
Crotonic acid, 3-hydroxy-, methyl ester, dimethyl phosphate (E)-	Mevinphos \ Phosdrin	7786347		MICH VTOX	042 310	CGCFPD	1618	4531		Y	Y					Y	CIN LV
Phosphoric acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester	Trichlorofon \ Dylox	52686		MICH SEC_313 VTOX	072 005 006	CGCFPD	1618	4667		Y	Y					Y	CIN LV
Phosphorothioic acid, O,O-dimethyl O-[p-[(dimethylamino)sulfonyl] phenyl] ester	Famphur \ Famophos	52857		RCRA RCRA_IX	184 207	CGCFPD	1618			Y	Y					Y	LV

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC 0 K	LC 3 C	NOTES	STANDARDS MARKABL	STANDARDS ON HAND	STANDARDS SOURCES
Phosphorodithioic acid, O,O-dimetnyl-, O-(4-methylthio)-m-tolyl)ester	Fenthion \ Baytex	55389		MICH 097		CGCFPD	1618			Y	Y				Y		LV
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl)ester	Parathion \ Parathion, ethyl	56382		RCRA 288 RCRA_IX 288 SEC_313 011 VTOX 012		CGCFPD	1618	4788		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-dimethyl s-[2-(methylamino)-2-oxoethyl] ester	Cygon \ Dimethoate	60515		RCRA 145 VTOX 025		CGCFPD	1618	4557		Y	Y				Y		CIN LV
Phosphoric acid, 2,2-dichlorovinyl dimethyl ester	Dichlorvos \ DDVP	62737		MICH 079 RPAR 013 SEC_313 025 VTOX 027		CGCFPD	1618	4511		Y	Y				Y		CIN
Phosphoric acid, tri-o-tolyl ester	Tricresylphosphate \ TCP	78308		MICH 084		CGCFPD	1618			Y	Y				Y		ALF CIN
Phosphorodithioic acid, S,S'-p-dioxane-2,3-dryl O,O,O',O'-tetraethyl ester	Dioxathion	78342		MICH 091 VTOX 051		CGCFPD	1618			Y	Y				Y		CIN
Phosphorodithioic acid, O,O-dimethyl ester, S-ester with3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one	Azinphos-methyl \ Guthion	86500		MICH 089 RPAR 004 VTOX 066		CGCFPD	1618	4884		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl O-(p-(methylsulfinyl)phenyl ester	Fensulfothion \ Desanit	115902		MICH 095 VTOX 115		CGCFPD	1618	4850		Y	Y				Y		CIN LV
Phosphoric acid, dimethyl ester, ester with (E)-3-hydrox-N,N-dimethylcrotonamide	Dicrotophos \ Bidrin	141662		MICH 081 VTOX 132		CGCFPD	1618	4587		Y	Y				Y		CIN

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Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl)ester	Methyl parathion \ Parathion-methyl \ Metaphos	298000		RCRA RCRA_IX RPAR VTOX	245 210 028 143	CGCFPD	1618	4693		Y	Y					Y		CIN LV
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	Famophos \ Phorate \ Thimet	298022		RCRA RCRA_IX VTOX	302 205 144	CGCFPD	1618	4683		Y	Y		Y	Y		Y		LV
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	Disulfoton	298044		RCRA RCRA_IX VTOX	167 206 145	CGCFPD	1618	4730		Y	Y					Y		CIN LV
Phosphoric acid, 1,2-dibromo-2,2-dichloroethyl dimethyl ester	Naled \ Dibrom	300765		MICH	078	CGCFPD	1618	3031		Y	Y					Y		CIN LV
Phosphorodithioic acid, O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) ester	Diazinon \ Spectracide	333415		MICH RPAR	094 014	CGCFPD	1618	4834		Y	Y					Y	Y	ATH EPA LV
Phosphoric acid, 2-chloro-1-(2,4-dichlorophenyl)vinyl dimethyl ester	Chlorfenvinphos \ Supona	470906		MICH VTOX	076 157	CGCFPD	1618	4992		Y	Y					Y		CIN LV
Phosphoric acid, trimethyl ester	Trimethylphosphate	512561		MICH	083	CGCFPD	1618			Y	Y					Y		CIN SIG
Phosphorodithioic acid, S,S'-methylene O,O,O',O'-tetraethyl ester	Ethion \ Bladan	563122		MICH VTOX	092 179	CGCFPD	1618	5037		Y	Y					Y		CIN LV
Phosphoric triamide, hexamethyl-	Hexamethylphosphoramide \ HMPA	680319		MICH SEC_313	085 233	CGCFPD	1618	883		Y	Y					Y	Y	ALD ATH PAR
Phosphorodithioic acid, O,O-dimethyl ester, S-ester withN-(mercaptomethyl)phthalimide	Phosmet \ Imidan	732116		MICH RPAR VTOX	090 034 199	CGCFPD	1618			Y	Y							LV

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Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl ester	Tetrachlorvinphos \ Gardona	961115		MICH SEC_313	077 238	CGCFPD	1618	5005		Y	Y				Y		CIN LV
Phosphorothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester	EPN \ Santox	2104645		MICH RPAR VTOX	074 019 245	CGCFPD	1618	4902		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl ester, S-ester with3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one	Azinphos-ethyl \ Ethyl Guthion	2642719		MICH VTOX	088 258	CGCFPD	1618	4964		Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl O-(3,5,6-trichloro-2-pryidyl) ester	Chlorpyrifos \ Dursban	2921882		MICH	096	CGCFPD	1618	2724		Y	Y				Y		CIN LV
Phosphoric acid, dimethyl ester, ester with (E)-3-hydroxy-N-methylcrotonamide	Monocrotophos \ Azodrin	6923224		MICH VTOX	082 284	CGCFPD	1618	4527		Y	Y				Y	Y	ATH EPA LV
Phosphorodithioic acid, O,O-diethyl O-(2-(ethylthio)ethyl) ester mixed with O,O-diethyl S-(2-(ethylthio)ethyl) ester (7:3)	Demeton \ Systox	8065483		MICH VTOX	093 316	CGCFPD	1618			Y	Y				Y		CIN LV
Phosphorodithioic acid, O,O-diethyl-S-(((1,1-dimethylethyl)thio)methyl ester	Terbufos \ Counter	13071799		MICH VTOX	067 338	CGCFPD	1618	4774		Y	Y				Y		CIN LV
Phosphoric acid, dimethyl ester, ester with 2-chloro-N-N-diethyl-3-hydroxycrotonamide	Phosphamidon \ Dimecron	13171216		MICH VTOX	080 339	CGCFPD	1618	48		Y	Y				Y		CIN LV
Phosphorothioic acid, phenyl, O-(4-bromo-2,5-dichlorophenyl) O-methyl ester	Leptophos \ Phosvel	21609905		MICH VTOX	073 360	CGCFPD	1618	5088		Y	Y				Y		CIN LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O	LC K	LC ?	LC 3	LC C	NOTES	STANDARDS IMAK	STANDARDS ABL	STANDARDS ON HND	STANDARDS SOURCES
Succinic acid, mercapto-, diethyl ester, S-ester with O,O-dimethyl phosphorodithioate	Malathion \ Sumitox	121755		MICH	108	CGCFPD	1618	4925		Y	Y							Y			CIN LV
Tetraethylpyrophosphate	TEPP \ Phosphoric acid, tetraethyl ester	107493		RCRA VTOX	343 099	CGCFPD	1618	4762		Y	Y		Y					Y	Y		ATH EPA
Thiopyrophosphoric acid ((HO)2P(S)2O), tetraethylester	Sulfotepp \ Bladafum \ Tetraethyldithiopyrophosphate	3689245		RCRA RCRA_IX VTOX	341 246 268	CGCFPD	1618	4899		Y	Y		Y					Y	N		ATH LV
Mercury	Hg	7439976		HSL P-POLL RCRA RCRA_IX SEC_112 SEC_313 SWDA	280 123 224 151 003 272 026	CVAA	245											Y			CIN
Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-	Dioxin \ TCDD \ 2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016		AIR FTC P-POLL RCRA RCRA_IX SWDA	015 026 129 332 105 061	DIOXIN	HIRES	4894		Y	Y	Y	Y	Y				Y			CIN
Heptachlorodibenzo-p-dioxins		1-019		ITD	D01	DIOXIN	HIRES			Y	Y							Y			CIL LV
Heptachlorodibenzofurans		1-020		ITD	D02	DIOXIN	HIRES			Y	Y							Y			CIL LV
Hexachlorodibenzo-p-dioxins		1_200		RCRA RCRA_IX	197 106	DIOXIN	HIRES			Y	Y							Y			CIL LV
Hexachlorodibenzofurans		1_201		RCRA RCRA_IX	198 111	DIOXIN	HIRES			Y	Y							Y			CIL LV

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Octachlorodibenzo-p-dioxin		3268879		FTC	032	DIOXIN	HIRES			Y	Y			Y		CIL
				ITD	003											LV
Octachlorodibenzofuran	OCDF	39001020		FTC	042	DIOXIN	HIRES			Y	Y			Y		CIL
				ITD	004											LV
Pentachlorodibenzo-p-dioxins		1_289		RCRA	290	DIOXIN	HIRES			Y	Y			Y		CIL
				RCRA_IX	107											LV
Pentachlorodibenzofurans		1_290		RCRA	291	DIOXIN	HIRES			Y	Y			Y		CIL
				RCRA_IX	112											LV
Tetrachlorodibenzo-p-dioxins		1_331		RCRA	334	DIOXIN	HIRES			Y	Y			Y		CIL
				RCRA_IX	108											LV
Tetrachlorodibenzofurans		1_332		RCRA	335	DIOXIN	HIRES			Y	Y			Y		CIL
				RCRA_IX	113											LV
Antimony	Sb	7440360		HSL	251	FURNAA	204							Y		CIN
				P-POLL	114											
				RCRA	021											
				RCRA_IX	011											
				SEC_313	276											
				SWDA	032											
Arsenic	As	7440382		HSL	233	FURNAA	206							Y		CIN
				P-POLL	115											
				RCRA	023											
				RCRA_IX	019											
				SEC_112	006											
				SEC_313	277											
				SWDA	021											

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Selenium	Se	7782492		HSL	734	FURNAA	270								Y		CIN
				P-POLL	125												
				RCRA	322												
				RCRA_IX	240												
				SEC_313	295												
				SWDA	028												
Silver	Ag	7440224		HSL	747	FURNAA	272								Y		CIN
				P-POLL	126												
				RCRA	325												
				RCRA_IX	241												
				SEC_313	274												
				SWDA	029												
Thallium	Tl	7440280		HSL	781	FURNAA	279								Y		CIN
				P-POLL	127												
				RCRA	345												
				RCRA_IX	245												
				SEC_313	275												
				SWDA	041												
2,4-Dichlorophenoxyacetic acid, salts and esters	2,4-D	94757		RCRA	100	GCEC	615	4511		Y	N	Y	Y Y		Y		LV
				RCRA_IX	007												
				SEC_313	108												
				SWDA	048												
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	2,4,5-TP \ Silvex	93721		RCRA	327	GCEC	615	4711		Y	N	Y	Y Y		Y		LV
				RCRA_IX	221												
				SWDA	049												
2,4,5-Trichlorophenoxyacetic acid	2,4,5-T \ Weedone \ Acetic acid, 2,4,5-trichlorophenoxy-	93765		RCRA	376	GCEC	615	4659		Y	N	Y	Y Y		Y		LV
				RCRA_IX	006												

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Benzene		71432		HSL	C165	GCMS	1624	3987		Y	Y	Y Y		Y		CIN
				P-POLL	004											
				PARA_4C	077											
				RCRA	034											
				RCRA_IX	036											
				SEC_112	005											
				SEC_313	036											
				SWDA	008											
Bromodichloromethane	Methane, bromodichloro	75274	1_193	HSL	C130	GCMS	1624			Y						CIN
				ODW_CWS	002											
				P-POLL	048											
				RCRA_IX	154											
				SEC_313	053											
Bromomethane	Methyl bromide \ Methane, bromo	74839	1_193	HSL	C015	GCMS	1624	58		Y						CIN
				ODW_CWS	028											
				P-POLL	046											
				RCRA	229											
				RCRA_IX	153											
				RPAR	027											
				SEC_313	039											
				VTOX	400											
2-Butanone	Methyl ethyl ketone \ MEK	78933		APP-C	017	GCMS	1624	3984	Y	Y	Y	Y Y		Y		CIN
				HSL	C110											
				P-POLL	514											
				RCRA	237											
				RCRA_IX	087											
				SEC_313	066											

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Chlorobenzene	Benzene, chloro-	108907	1_064	HSL	C235	GCMS	1624	4029			Y	Y	Y	Y		Y		CIN
				ODW_CWS	006													
				P-POLL	007													
				PARA_4C	197													
				RCRA	073													
				RCRA_IX	051													
				SEC_313	164													
				SWDA	009													
Chloroethane	Ethane, chloro \ Ethyl chloride	75003	1_065	HSL	C025	GCMS	1624				Y					Y		CIN
				ODW_CWS	034													
				P-POLL	016													
				RCRA_IX	130													
				SEC_313	045													
2-Chloroethylvinyl ether	Ethene, (2-chloroethoxy)	110758	1_070	P-POLL	019	GCMS	1624	110			Y		Y	Y		Y		CIN
				RCRA	077													
				RCRA_IX	135													
Chloroform	Methane, trichloro- \ Trichloromethane	67663	1_193	AIR	010	GCMS	1624	4043			Y		Y			Y		CIN
				HSL	C060													
				ODW_CWS	001													
				P-POLL	023													
				PARA_4C	072													
				RCRA	078													
				RCRA_IX	163													
				SEC_313	032													
				VTOX	388													
Chloromethane	Methyl chloride \ Methane, chloro	74873	1_193	HSL	C010	GCMS	1624	3973			Y		Y			Y		CIN
				ODW_CWS	027													
				P-POLL	045													
				RCRA	230													
				RCRA_IX	155													
				SEC_313	041													

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Dibromochloromethane	Chlorodibromomethane \ Methane, dibromochloro-	124481	1_193	HSL ODW_CWS P-POLL RCRA_IX	C155 003 051 157	GCMS	1624			Y					Y		CIN
1,1-Dichloroethane	Ethylidene chloride \ Ethane, 1,1-dichloro-	75343	1_065	HSL ODW_CWS P-POLL RCRA RCRA_IX	C050 021 013 181 121	GCMS	1624	4002		Y		Y			Y		CIN
1,1-Dichloroethene	1,1-Dichloroethylene \ Vinylidene chloride	75354	25323302	HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	C045 029 124 136 054 012	GCMS	1624	4000		Y		Y			Y		CIN
1,2-Dichloroethane	Ethylene dichloride \ EDC	107062	1_065	AIR HSL P-POLL RCRA RCRA_IX SEC_313 SWDA	018 C065 010 176 129 152 005	GCMS	1624	68		Y		Y			Y		CIN
trans-1,2-Dichloroethene	Ethene, 1,2-dichloro-, (E)-	156605	540590	ODW_CWS P-POLL RCRA RCRA_IX SWDA	005 030 122 137 013	GCMS	1624	4000		Y		Y			Y		CIN

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1,2-Dichloropropane	Propylene dichloride \ Propane, 1,2-dichloro-	78875	26638197	HSL	C140	GCMS	1624	4028			Y	Y			Y		ALD
				ODW_CWS	022												CIN
				P-POLL	032												
				RCRA	313												
				RCRA_IX	215												
				SEC_313	064												
				SWDA	071												
trans-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (E)-	10061026	542756	HSL	C172	GCMS	1624				Y				Y		CIN
				P-POLL	033												
				RCRA	131-02												
				RCRA_IX	227												
				RPAR	015-02												
Diethyl ether		60297		APP-C	014	GCMS	1624			Y	Y						ALD
				P-POLL	515												
1,4-Dioxane	p-Dioxane \ 1,4-Diethyleneoxide	123911		P-POLL	527	GCMS	1624	3995			Y				Y		LV
				PARA-4C	024												
				RCRA	135												
				RCRA_IX	118												
				SEC_313	192												
Ethylbenzene	Benzene, ethyl	100414		HSL	C240	GCMS	1624				Y				Y		CIN
				ODW_CWS	024												
				P-POLL	038												
				PARA_4C	169												
				RCRA_IX	054												
				SEC_313	129												
Methylene chloride	Dichloromethane \ Methane, dichloro-	75092	1_193	AIR	024	GCMS	1624	3990			Y	Y			Y		CIN
				HSL	C030												
				ODW_CWS	008												
				P-POLL	044												
				RCRA	236												
				RCRA_IX	158												
				SEC_313	049												
				SWDA	087												

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2-Propanone	Acetone	67641		APP-C	001	GCMS	1624			Y	Y						ALD
				HSL	C035												CIN
				P-POLL	516												
				RCRA_IX	224												
				SEC_313	031												
2-Propenal	Acrolein	107028		AIR	002	GCMS	1624	6			Y	Y	Y	DERIV	Y		ALD
				OAQ_SAB	055												CIN
				P-POLL	002												
				RCRA	006												
				RCRA_IX	225												
				SEC_313	150												
				VTOX	089												
2-Propenenitrile	Acrylonitrile	107131		AIR	003	GCMS	1624	5			Y	Y	Y	TAIL	Y		ALD
				P-POLL	003												CIN
				RCRA	008												LV
				RCRA_IX	231												
				SEC_313	153												
				VTOX	382												
Tetrachloromethane	Carbon tetrachloride \ Methane, tetrachloro-	56235	1_193	AIR	008	GCMS	1624	473			Y	Y	Y		Y		CIN
				HSL	C120												
				P-POLL	006												
				RCRA	060												
				RCRA_IX	161												
				SEC_313	010												
				SWDA	003												
1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro	79345	25322207	HSL	C225	GCMS	1624	4248			Y	Y	Y		Y		CIN
				ODW_CWS	023												
				P-POLL	015												
				RCRA	338												
				RCRA_IX	127												
				SEC_313	073												

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Tetrachloroethene	Perchloroethylene \ Ethene, tetrachloro	127184		AIR	029	GCMS	1624	656			Y		Y	Y		Y		CIN
				HSL	C220													
				P-POLL	085													
				PARA_4C	260													
				RCRA	339													
				RCRA_IX	139													
				SEC_313	195													
				SWDA	002													
Toluene	Benzene, methyl	108883		AIR	035	GCMS	1624	3398			Y		Y	Y		Y		CIN
				HSL	C230													
				ODW_CWS	017													
				P-POLL	066													
				PARA_4C	196													
				RCRA	360													
				RCRA_IX	056													
				SEC_313	163													
				SWDA	059													
Tribromomethane	Bromoform \ Methane, tribromo-	75252	1_193	HSL	C180	GCMS	1624	1746			Y		Y	Y		Y		CIN
				ODW_CWS	004													
				P-POLL	047													
				RCRA	050													
				RCRA_IX	162													
				SEC_313	052													
1,1,1-Trichloroethane	Methyl chloroform \ Ethane, 1,1,1-trichloro-	71556	1_065	AIR	025	GCMS	1624	278			Y		Y	Y		Y		CIN
				HSL	C115													
				OAG_SRB	023													
				P-POLL	011													
				PARA_4C	078													
				RCRA	232													
				RCRA_IX	124													
				SEC_313	037													
				SWDA	004													

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ITD/RCRA COMPOUND DATA

NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA CT	GC QK	LC O K	LC ?	LC 3 C	LC NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU- RCES
1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro	79005	1_065	HSL	C160	GCMS	1624	4076		Y	Y		Y		Y		CIN
				ODW_CWS	035												
				P-POLL	014												
				PARA_4C	062												
				RCRA	370												
				RCRA_IX	126												
				SEC_313	067												
				SWDA	062												
Trichloroethene	Ethene, trichloro \ Trichloroetnylene	79016		AIR	036	GCMS	1624	4070		Y	Y		Y		Y		CIN
				HSL	C150												
				P-POLL	087												
				PARA_4C	083												
				RCRA	371												
				RCRA_IX	140												
				SEC_313	068												
				SWDA	001												
Vinyl chloride	Ethene, chloro	75014		HSL	C020	GCMS	1624	3981		Y	Y		Y		Y		CIN
				P-POLL	088												
				RCRA	387												
				RCRA_IX	138												
				SEC_112	004												
				SEC_313	046												
				SWDA	006												
Acenaphthene		83329	3-065	HSL	C550	GCMS	1625			Y	Y				Y		ALD
				P-POLL	001												CIN
				PARA_4C	089												
				RCRA_IX	002												
Acenaphthylene		208968	3-065	HSL	C540	GCMS	1625			Y	Y				Y		ALD
				P-POLL	077												CIN
				PARA_4C	285												
				RCRA_II	001												

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC OK	LC ?	LC 3C	NOTES	STANDARDS MAKABL	STANDARDS ON HND	STANDARDS SOURCES
Anthracene		120127	3-065	HSL	C645	GCMS	1625			Y	Y					Y		ALD
				P-POLL	078													CIN
				PARA_4C	239													
				RCRA_IX	010													
				SEC_313	181													
1,2-Benzenedicarboxylic acid, dimethyl ester	Dimetnyl phtnalate	131113	1_303	HSL	C535	GCMS	1625	4392		Y	Y	Y	Y	Y		Y		CIN
				P-POLL	071													
				PARA_4C	263													
				RCRA	155													
				RCRA_II	065													
				SEC_313	197													
				VTOX	128													
Benzidine	(1,1'-Biphenyl)-4,4'-diamine	92875		P-POLL	085	GCMS	1625	4343		Y	Y		Y	Y		Y		CIN
				RCRA	036													
				RCRA_II	083													
				SEC_313	184													
Benzo(a)anthracene	Benz(a)anthracene \ 1,2-Benzanthracene	56553	3-065	HSL	C730	GCMS	1625	1537		Y	Y	Y	Y	Y		Y		CIN
				P-POLL	072													
				PARA_4C	060													
				RCRA	032													
				RCRA_IX	025													
Benzo(a)pyrene		50328	3-065	AIR	033-02	GCMS	1625	5736		Y	Y	Y	Y	Y		Y		CIN
				HSL	C775													
				P-POLL	073													
				PARA_4C	057													
				RCRA	039													
				RCRA_IX	077													
Benzo(b)fluoranthene	Benz(e) acephenanthrylene	205992	3-065	HSL	C765	GCMS	1625	1768		Y	Y	Y	Y	Y		Y		CIN
				P-POLL	074													
				RCRA	037													
				RCRA_IX	023													

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Benzo(ghi)perylene		191242	3-065	HSL P-POLL RCRA_II	C790 079 076	GCMS	1625			Y	Y				Y		CIN
Benzo(k)fluoranthene		207089	3-065	HSL P-POLL PARA_4C RCRA_IX	C770 075 284 073	GCMS	1625			Y	Y				Y		CIN
Biphenyl	Diphenyl	92524		APP-C P-POLL PARA_4C SEC_313	013 512 123 102	GCMS	1625			Y	Y				Y		LV
4-Bromophenyl phenyl ether	1-Bromo-4-phenoxybenzene	101553		HSL P-POLL PARA-4C RCRA RCRA_II	C625 041 086 051 037	GCMS	1625	5719		Y	Y	Y	Y		Y		CIN
Butyl benzyl phthalate		85687	1_303	HSL P-POLL PARA_4C RCRA RCRA_II SEC_313	C720 067 098 053 062 086	GCMS	1625	5904		Y	Y	Y	Y		Y		CIN
Carbazole		86748		P-POLL PARA-4C	528 007	GCMS	1625			Y	Y				Y		SCC
4-Chloro-3-methylphenol	p-Chloro-m-cresol \ Phenol, 4-chloro-3-methyl-	59507		HSL P-POLL PARA_4C RCRA RCRA_II	C465 022 065 075 201	GCMS	1625	371		Y	Y	Y	Y	Y	Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC-O-K	LC-3-C	LC NOTES	STANDARDS-MAK-ABL	STANDARDS-ON HND	STANDARDS-SOURCES
bis(2-Chloroethoxy)methane	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	111911	1_070	HSL P-POLL RCRA RCRA_IX	C435 043 044 122	GCMS	1625	780		Y	Y		Y		Y		CIN
bis(2-Chloroethyl) ether	Dichloroethyl ether	111444	1_070	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	C325 018 211 045 123 171 111	GCMS	1625	4112		Y	Y		Y		Y		CIN
bis(2-Chloroisopropyl) ether	Propane, 2,2'-oxybis[1-chloro-	108601	1_070	HSL ODW_CWS P-POLL RCRA RCRA_IX SEC_313	C360 037 042 046 217 161	GCMS	1625	751		Y	Y		Y		Y		CIN
2-Chloronaphthalene	Naphthalene, 2-chloro-	91587	1_067	HSL P-POLL RCRA RCRA_IX	C525 020 080 178	GCMS	1625	636		Y	Y		Y	Y	Y		CIN
2-Chlorophenol	Phenol, 2-chloro	95578	1_068	HSL P-POLL PARA_4C RCRA RCRA_IX	C330 024 138 081 189	GCMS	1625	242		Y	Y	Y	Y	Y	Y		CIN
4-Chlorophenylphenyl ether	Benzene, 1-chloro-4-phenoxy	7005723	1_070	HSL P-POLL RCRA_IX	C565 040 038	GCMS	1625			Y	Y				Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC MS OK	LC 0 K	LC 3 ?	LC C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Chrysene		218019	3-065	HSL P-POLL PARA_4C RCRA RCRA_IX	C740 076 266 086 093	GCMS	1625	4557		Y	Y	Y	Y	Y		Y		CIN
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	Hexachlorocyclopentadiene \ HCP	77474		AIR HSL P-POLL RCRA RCRA_IX SEC_313 SWDA VTOX	021 C510 053 196 103 061 078 047	GCMS	1625	1947		Y	Y		Y	Y		Y		CIN
p-Cymene	p-Isopropyltoluene	99876		APP-C ODW_CWS P-POLL PARA_4C	022 046 513 165	GCMS	1625			Y	Y					Y		ALD
n-Decane	n-C10	124185		APP-C P-POLL PARA_4C	002 517 258	GCMS	1625			Y	Y					Y		SUP
Di-n-octyl phthalate	Phthalic acid, dioctyl ester	117840	1_303	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	C760 069 233 163 066 177 118	GCMS	1625	5054		Y	Y	Y	Y	Y		Y		CIN
Di-n-propylnitrosamine	N-Nitrosodi-n-propylamine	621647	35576911	HSL P-POLL RCRA RCRA_IX SEC_313	C370 063 166 213 230	GCMS	1625	4071		Y	Y		Y			Y		CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC PK	LC-O	LC-?	LC-3	LC NOTES	MAKE LABEL	STANDARDS ON HAND	STANDARDS SOURCES
Dibenzo(a,h)anthracene	Dibenz(a,h)anthracene	53703	3-065	HSL	C785	GCMS	1625	2039		Y	Y	Y	Y	Y		Y		CIN PAB
				P-POLL	082													
				RCRA	108													
				RCRA_IX	104													
Dibenzofuran		132649		APP-C	015	GCMS	1625			Y	Y					Y		ALD
				HSL	C565													
				P-POLL	505													
				PARA-4C	012													
				RCRA_IX	110													
				SEC_313	198													
Dibenzothiophene		132650		P-POLL	504	GCMS	1625			Y	Y					Y		ALD
				PARA-4C	013													
1,2-Dicarboxylic acid, dibutyl ester	Di-n-butyl phthalate \ dibutyl Phthalate	84742	1_303	HSL	C650	GCMS	1625	4745		Y	Y	Y	Y	Y		Y		CIN LV
				P-POLL	068													
				PARA_4C	095													
				RCRA	114													
				RCRA_IX	063													
				SEC_313	084													
				VTOX	064													
3,3'-Dichlorobenzidine	1,1'-Biphenyl-4,4'-diamine, 3,3'-dichloro	91941		FTC	020	GCMS	1625	1771		Y	Y		Y	Y		Y		CIN
				HSL	C725													
				P-POLL	028													
				RCRA	119													
				RCRA_IX	079													
				SEC_313	101													
1,2-Dichlorobenzene	Benzene, 1,2-dichloro- \ o-Dichlorobenzene	95501	25321226	AIR	013-01	GCMS	1625	4129		Y	Y	Y	Y	Y		Y		CIN LV
				HSL	C350													
				ODW_CWS	010													
				P-POLL	025													
				PARA_4C	134													
				RCRA	115													
				RCRA_IX	044													
				SEC_313	111													

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD RQL IZE	EX TRA CT	GC QK	LC O K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
1,4-Dichlorobenzene	Benzene, 1,4-dichloro- \ p- Dichlorobenzene	106467	25321226	AIR HSL P-POLL RCRA RCRA_II SEC_313	013-02 C340 027 117 048 143	GCMS	1625	4129		Y	Y	Y	Y Y		Y		CIN LV
1,3-Dichlorobenzene	Benzene, 1,3-dichloro- \ m- Dichlorobenzene	541731	25321226	HSL ODW_CWS P-POLL PARA_4C RCRA RCRA_II SEC_313	C335 087 026 315 116 047 222	GCMS	1625	4129		Y	Y	Y	Y Y		Y		CIN
2,4-Dichlorophenol	Phenol, 2,4-dichloro-	120832	1_068	HSL P-POLL PARA_4C RCRA RCRA_II SEC_313	C440 031 243 125 195 185	GCMS	1625	628		Y	Y	Y	Y Y		Y		CIN
Diethyl phthalate	1,2-Benzenedicarboxyli c acid, diethyl ester	84662	1_303	HSL P-POLL PARA_4C RCRA RCRA_II SEC_313	C580 070 093 139 064 083	GCMS	1625	4521		Y	Y	Y	Y Y		Y		CIN
2,4-Dimethylphenol	Phenol, 2,4-dimethyl-	105679		HSL P-POLL RCRA RCRA_II SEC_313	C425 034 154 196 140	GCMS	1625	201		Y	Y		Y Y		Y		CIN

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2,4-Dinitrophenol	Phenol, 2,4-dinitro	51285		HSL P-POLL RCRA RCRA_IX SEC_313	C555 059 159 197 002	GCMS	1625	5489		Y	Y	Y	Y	Y		Y		CIN
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro	121142		HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C570 035 244 160 039 186	GCMS	1625	4327		Y	Y	Y	Y	Y		Y		CIN
2,6-Dinitrotoluene	Benzene, 2-methyl-1,3-dinitro-	606202		HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C543 036 335 161 050 228	GCMS	1625	4327		Y	Y	Y	Y	Y		Y		CIN
Diphenylamine	Benzenamine, N-phenyl	122394		APP-C P-POLL PARA_4C RCRA RCRA_IX	018 507 246 164 034	GCMS	1625	4272		Y	Y		Y	Y	TAIL	Y		CIN
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl	122667		HSL P-POLL RCRA RCRA_IX SEC_313	C620 037 165 145 188	GCMS	1625	4343		Y	Y		Y			Y		CIN
Diphenyl ether		101848		APP-C P-POLL PARA_4C	016 508 177	GCMS	1625			Y	Y							ALD

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC OK	LC 3 C	LC NOTES	STANDARDS MAKE LABEL	STANDARDS ON HAND	STANDARDS SOURCES
n-Docosane	n-C22	629970		APP-C P-POLL PARA_4C	008 522 360	GCMS	1625			Y	Y					Y	SUP
n-Dodecane	n-C12	112403		APP-C P-POLL PARA_4C	003 506 221	GCMS	1625			Y	Y					Y	SUP
n-Eicosane	n-C20	112958		APP-C P-POLL PARA_4C	007 521 229	GCMS	1625			Y	Y					Y	SUP
bis(2-Ethylhexyl) phthalate		117817	1_303	FTC HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	011 C745 066 232 048 061 176	GCMS	1625	5054		Y	Y	Y	Y	Y		Y	CIN
Fluoranthene		206440	3-065	HSL P-POLL PARA_4C RCRA RCRA_IX	C655 039 283 185 141	GCMS	1625	1216		Y	Y	Y	Y	Y		Y	CIN
Fluorene		86737	3-065	HSL P-POLL PARA_4C RCRA_IX	C590 080 099 143	GCMS	1625			Y	Y					Y	CIN
Hexachloroethane	Ethane, hexachloro	67721	1_065	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C375 012 073 199 131 033	GCMS	1625	4575		Y	Y		Y	Y		Y	CIN

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Hexachlorobutadiene	1,3-Butadiene, 1,1,2, 3,4,4-hexachloro-	87683		HSL	C460	GCMS	1625	1830		Y	Y		Y Y		Y		CIN
				ODW_CWS	042												
				P-PLL	052												
				RCRA	195												
				RCRA_II	084												
				SEC_313	089												
Hexachlorobenzene	HCB \ benzene, hexachloro-	118741	1_064	HSL	C630	GCMS	1625	4754		Y	Y	Y	Y Y		Y		CIN
				P-PLL	089												LV
				RCRA	194												
				RCRA_II	055												
				SEC_313	178												
n-Hexacosane	n-C26	630013		APP-C	010	GCMS	1625			Y	Y				Y		SUP
				P-PLL	524												
				PARA_4C	362												
n-Hexadecane	n-C16	544763		APP-C	005	GCMS	1625			Y	Y				Y		SUP
				P-PLL	519												
				PARA_4C	317												
Indeno(1,2,3-cd)pyrene		193395	3-065	HSL	C760	GCMS	1625	2020		Y	Y	Y	Y Y		Y		CIN
				P-PLL	083												
				RCRA	207												
				RCRA_II	146												
Isophorone	3,5,5-Trimethyl-2-cyclohexenone	78591		HSL	C415	GCMS	1625			Y	Y				Y		CIN
				P-PLL	054												
				PARA_4C	081												
				RCRA_II	102												
Naphthalene		91203	3-065	HSL	C450	GCMS	1625	5321		Y	Y	Y	Y Y		Y		CIN
				ODW_CWS	041												
				P-PLL	055												
				PARA_4C	119												
				RCRA	250												
				RCRA_II	177												
				SEC_313	093												

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROLYZE	EX TRACT	GC OK	LC O K	LC ?	LC 3 C	NOTES	STANDARDS MAKABL	STANDARDS ON HND	STANDARDS SOURCES
Beta-Napnthylamine	2-Naphthylamine	91598		P-POLL PARA_4C RCRA RCRA_IX SEC_313	502 122 253 176 100	GCMS	1625			Y	Y	Y	Y	TAIL	Y		CIN
Nitrobenzene	Benzene, nitro-	98953		AIR HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	028 C410 056 158 261 057 125 401	GCMS	1625	4054		Y	Y	Y	Y	Y	Y		CIN
2-Nitrophenol	Phenol, 2-nitro-	88755		HSL P-POLL PARA_4C RCRA_IX SEC_313	C420 057 106 192 092	GCMS	1625			Y	Y						CIN
4-Nitrophenol	p-Nitrophenol \ Phenol, 4-nitro-	100027		HSL P-POLL RCRA RCRA_IX SEC_313	C560 058 266 203 127	GCMS	1625	4104		Y	Y	Y	Y	Y			CIN LV
N-Nitrosodimethylamine	Dimethylnitrosamine \ Methanamine, N-methyl-N-nitroso-	62759	35576911	AIR P-POLL RCRA RCRA_IX SEC_313 VTOX	014 061 273 152 026 029	GCMS	1625	3965		Y	Y	Y					ALD CIN
N-Nitrosodiphenylamine	Benzenamine, N-nitroso-N-phenyl	86306	35576911	HSL P-POLL RCRA_IX SEC_313	C615 062 033 087	GCMS	1625			Y	Y						CIN

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n-Octacosane	n-C28	630024		APP-C P-POLL PARA_4C	011 525 363	GCMS	1625			Y	Y						Y	SUP
n-Octadecane	n-C18	593453		APP-C P-POLL PARA_4C	006 520 333	GCMS	1625			Y	Y						Y	SUP
Pentachlorophenol	PCP \ Phenol, pentachloro-	87865	1_068	HSL OAG_SRB P-POLL PARA_4C RCRA RCRA_IX RPAR SEC_313 SWDA VTOX	C635 069 064 102 294 204 033 090 072 068	GCMS	1625	1889		Y	Y	Y	Y	Y			Y	CIN LV
Phenanthrene		85018	3-065	HSL P-POLL PARA_4C RCRA_IX	C640 091 097 186	GCMS	1625			Y	Y						Y	CIN
Phenol	Carbolic acid	108952		AIR HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313 VTOX	030 C315 065 199 296 187 165 102	GCMS	1625	3999		Y	Y	Y	Y	Y			Y	CIN
Phenol, 2-methyl-4,6-dinitro-	Dinitrocresol \ DNOC \ 4,6-Dinitro-o-cresol	534521		P-POLL RCRA RCRA_IX SEC_313 VTOX	060 158 191 219 167	GCMS	1625			Y	Y							ALD

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2-Picoline	alpha-Picoline \ 2-Methylpyridine	109068		P-POLL 503 PARA_4C 201 RCRA 305 RCRA_II 238		GCMS	1625	3999		Y	Y	Y Y		TAIL	Y	CIN
Pyrene	Benzo[def]phenanthrene	129000	3-065	HSL C715 P-POLL 084 PARA_4C 262 RCRA_II 236 VTOX 126		GCMS	1625			Y	Y				Y	CIN
Styrene	Benzene, ethenyl-	100425		APP-C 020 HSL C245 MICH 107 ODW_CWS 026 P-POLL 510 PARA_4C 170 RCRA_IX 053 SEC_313 130		GCMS	1625	108		Y	Y				Y	CIN
alpha-Terpineol		98555		APP-C 021 P-POLL 509 PARA_4C 152		GCMS	1625			Y	Y				Y	ALD
n-Tetracosane	n-C24	646311		APP-C 009 P-POLL 523		GCMS	1625			Y	Y				Y	SUP
n-Tetradecane	n-C14	629594		APP-C 004 P-POLL 518 PARA_4C 354		GCMS	1625			Y	Y				Y	SUP
n-Triacontane	n-C30	638686		APP-C 012 P-POLL 526 PARA_4C 367		GCMS	1625			Y	Y				Y	SUP
1,2,3-Trichlorobenzene		87616	12002481	ODW_CWS 031 P-POLL 529 PARA-4C 046		GCMS	1625	4317		Y	Y	Y Y Y			Y	CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC OK	LC 3	LC NOTES	STANDARDS MAKABLE	STANDARDS ON HAND	SOURCES
1,2,4-Trichlorobenzene	Benzene, 1,2,4-trichloro-	120821	12002481	HSL GDW_CWS P-POLL PARA_4C RCRA RCRA_IX SEC_313	C445 011 008 242 369 045 184	GCMS	1625	4317		Y	Y	Y Y Y			Y		CIN LV
2,4,6-Trichlorophenol	Phenol, 2,4,6-trichloro-	88062	1_068	HSL P-POLL PARA_4C RCRA RCRA_IX SEC_313	C515 021 103 375 199 091	GCMS	1625	1117		Y	Y	Y Y Y			Y		CIN
2,4,5-Trichlorophenol	Phenol, 2,4,5-trichloro-	95954	1_068	HSL OAG_SAB P-POLL PARA-4C RCRA RCRA_IX SEC_313	C520 028 531 049 374 198 115	GCMS	1625	4399		Y	Y	Y Y Y			Y		CIN LV SIG
2,3,6-Trichlorophenol		933755	1_068	P-POLL PARA-4C	530 050	GCMS	1625	1117		Y	Y	Y Y Y			Y		SCC
Benzoic acid		65850		HSL PARA_4C RCRA_IX	C430 071 074	GCMS	ASRCH			Y	Y				Y		LV
Benzonitrile, 3,5-dibromo-4-hydroxy-	Bromoxynil \ 3,5-Dibromo-4-hydroxybenzonitrile	1689845		MICH	025	GCMS	ASRCH	4734		Y	Y				Y	Y	ATH EPA LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL IZE	EX TRA CT	GC OK	LC O K	LC 3 ?	LC C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
o-Cresol	4-Methyl phenol \ Phenol, 4-methyl	108445	1319773	AIR HSL RCRA RCRA_IX SEC_313	012-03 C365 091-01 202 142	GCMS	ASRCH			Y	Y					Y		LV
2,6-Dichlorophenol	Phenol, 2,6-dichloro-	87650	1_068	PARA_4C RCRA RCRA_IX	101 126 200	GCMS	ASRCH	628		Y	Y	Y	Y	Y		Y		LV
Hexanoic acid	Caproic acid	142621		ITD PARA_4C	275 275	GCMS	ASRCH			Y	Y					Y		ALD
2,3,4,6-Tetrachlorophenol	Phenol, 2,3,4,6-tetrachloro-	58902	1_068	PARA-4C RCRA RCRA_IX	046 340 194	GCMS	ASRCH	4559		Y	Y	Y	Y	Y		Y		LV
Acetamide, N-(4-ethoxyphenyl)-	Phenacetin \ Phorazetin	62442		RCRA RCRA_IX	295 003	GCMS	BSRCH	885		Y	Y					Y		LV
Ammonium, (4-(o-(dimethylamino)-alpha-phenylbenzylidine)-2,5-cylcohexadien-1-ylidene)-dimethyl chloride	Malachite green \ C.I. Basic Acid Green 4	569642		MICH SEC_313	006 225	GCMS	BSRCH			Y	Y					Y	Y	ATH CIN
Aniline, 2,4,5-trimethyl-	2,4,5-Trimethylaniline	137177		MICH	011	GCMS	BSRCH			Y	Y					Y		CIN PAB
o-Anisidine		90040		MICH SEC_313	012 094	GCMS	BSRCH	223		Y	Y							ALD CIN
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	Pronamide \ Kerb	23950585		RCRA RCRA_IX	309 024	GCMS	BSRCH	4666		Y	Y		Y			Y	Y	ATH EPA LV
Benzanthrone		82053		PARA-4C	001	GCMS	BSRCH			Y	Y					Y	Y	SCC

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC MS	LC 0 K	LC 3 ?	LC C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOURCES
Benzenamine, N,N-dimethyl-4-(phenylazo)-	p-Dimethylaminoazobenzene	60117		FTC RCRA RCRA_II SEC_313	024 147 035 019	GCMS	BSRCH	1495		Y	Y	Y	Y			Y	Y	ALD ATH LV
Benzenamine	Aniline	62533		HSL PARA_4C RCRA RCRA_II SEC_313 VTOX	C320 069 020 026 022 385	GCMS	BSRCH	58		Y	Y					Y		ALD LV
Benzenamine, 4-chloro-	p-Chloroaniline	106478		HSL RCRA RCRA_II	C455 072 030	GCMS	BSRCH	234		Y	Y					Y		ALD ALF
1,3-Benzenediamine, 4-methyl-	2,4-Diaminotoluene \ Toluene, 2,4-diamino-	95807	25376458	MICH RCRA SEC_313	110 362 114	GCMS	BSRCH	1990		Y	Y	Y	Y	TAIL		Y	Y	ALD ATH
Benzenethiol	Thiophenol \ Mercaptobenzene	108985		PARA_4C RCRA RCRA_II VTOX	200 356 070 103	GCMS	BSRCH	4343		Y	Y	Y	Y			Y		ALD LV
1,3-Benzodioxole, 5-(1-propenyl)-	Isosafrole	120581		RCRA RCRA_II	211 071	GCMS	BSRCH	4229		Y	Y					Y		LV
2,3-Benzofluorene		243174	3-065	PARA-4C	002	GCMS	BSRCH			Y	Y					Y		SCC
Benzyl alcohol		100516		HSL PARA_4C RCRA_II	C345 172 069	GCMS	BSRCH			Y	Y					Y		LV
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	3-Methylcholanthrene	56495	3-065	RCRA RCRA_II	233 022	GCMS	BSRCH	1938		Y	Y					Y		LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC O K	LC 3 ? C	NOTES	STANDARDS MAKABL	STANDARDS ON HAND	STANDARDS SOURCES
(1,1'-Biphenyl)-4-amine	4-Aminodiphenyl	92671		RCRA RCRA_II SEC_313	015 082 103	GCMS	BSRCH	4272		Y	Y				Y		ALD LV
Biphenyl, 4-nitro	4-Nitrobiphenyl	92933		MICH SEC_313	027 105	GCMS	BSRCH	1170		Y	Y				Y		CIN SIG
1,1'-Biphenyl-4,4'-diamine, 3,3'-dimethoxy	3,3'-Dimethoxybenzidine	119504		RCRA RCRA_II SEC_313	146 080 179	GCMS	BSRCH			Y	Y				Y		LV
1-Bromo-2-chlorobenzene	2-Bromochlorobenzene	694804		PARA-4C	004	GCMS	BSRCH	4373		Y	Y	Y	Y Y Y		Y		SCC
1-Bromo-3-chlorobenzene	3-Bromochlorobenzene	108372		PARA-4C	005	GCMS	BSRCH	4373		Y	Y	Y	Y Y Y		Y		CIN PAB SCC
4-Chloro-2-nitroaniline		89634		PARA-4C	009	GCMS	BSRCH			Y	Y				Y		SCC
1-Chloro-3-nitrobenzene	3-chloronitrobenzene	121733		PARA-4C	010	GCMS	BSRCH			Y	Y				Y		SCC
o-Cresol	2-Methylphenol \ o-Cresylic acid	95487	1319773	AIR HSL PARA_4C RCRA RCRA_II SEC_313 VTOX	012-01 C355 132 091-02 190 110 073	GCMS	BSRCH				Y				Y		ALD
Crotonic acid, 3-hydroxy, alpha-methylbenzyl ester, dimethylphosphate (E)	Crotoxyphos \ Ciodrin	7700176		MICH	041	GCMS	BSRCH	4871		Y	Y				Y	Y	ATH EPA LV
2,6-di-tert-butyl-p-benzoquinone		719222		PARA-4C	026	GCMS	BSRCH			Y	Y				Y		SCC
1,3-Dichloro-2-propanol		96231		RCRA	129-01	GCMS	BSRCH	4264		Y	Y				Y		ALD LV

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2,6-dichloro-4-nitroaniline	Dichloran \ Botran	99309		PARA-4C	016	GCMS	BSRCH			Y	Y				Y			LV SCC
2,3-Dichloroaniline		608275		PARA-4C	015	GCMS	BSRCH			Y	Y				Y			SCC
2,3-Dichloronitrobenzene		3209221		PARA-4C	017	GCMS	BSRCH			Y	Y				Y			SCC
1,2:3,4-Diepoxybutane	Erythritol anhydride \ 2,2'-Bioxirane	1464535		RCRA SEC_313 VTOX	133 251 231	GCMS	BSRCH	42		Y	Y	Y			Y			ALD
7,12-Dimethylbenz(a)anthracene	9,10-Dimethyl-1,2-Benzanthracene	57976	3-065	FTC RCRA RCRA_IX	025 148 021	GCMS	BSRCH	1823		Y	Y				Y			LV
N,N-Dimethylformamide		68122		PARA-4C	018	GCMS	BSRCH			Y	Y				Y			ALD SCC
3,6-Dimethylphenanthrene		1576676	3-065	PARA-4C	020	GCMS	BSRCH			Y	Y				Y			SCC
Dimethyl sulfone		67710		PARA-4C	021	GCMS	BSRCH			Y	Y				Y			SCC
1,4-Dinitrobenzene	Benzene, 1,4-dinitro-	100254	25154545	PARA-4C RCRA RCRA_IX	023 157-01 049	GCMS	BSRCH	720		Y	Y				Y			SCC
Diphenyldisulfide	Diphenyl sulfide	882337		PARA-4C	025	GCMS	BSRCH			Y	Y				Y			SCC
Ethane, pentachloro-	Pentachloroethane	76017	1_065	ODW_CWS RCRA RCRA_IX VTOX	036 292 132 045	GCMS	BSRCH	4421		Y	Y				Y			ALD LV
1,2-Ethanediamine, N,N-dimethyl-N'-2pyridinyl-N'-(2-thienylmethyl)-	Methapyrilene	91805		RCRA RCRA_IX	226 133	GCMS	BSRCH	1868		Y	Y	Y			Y		Y	ATH PAB SIG

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Ethanethioamide	Thioacetamide	62555		RCRA SEC_313	353 023	GCMS	BSRCH	3986							Y		ALF CIN LV
Ethanone, 1-phenyl	Acetophenone	98862		PARA_4C RCRA RCRA_II	157 002 134	GCMS	BSRCH	4048		Y	Y				Y		A_D LV
Ethylenethiourea		96457		RCRA SEC_313	188 119	GCMS	BSRCH	4011		Y	Y	Y			Y	Y	A_D ATH LV
Hexachloropropene	1-Propene, 1,1,2,3,3,3-hexachloro-	1888717		RCRA RCRA_II	201 226		BSRCH	5713		Y	Y				Y		A_D LV
2-Isopropylnaphthalene		2027178	3-065	PARA-4C	027	GCMS	BSRCH			Y	Y				Y		SCC
Longifolene		475207		PARA-4C	028	GCMS	BSRCH			Y	Y				Y		SCC
Methanesulfonic acid, ethyl ester	Ethylmethane sulfonate	62500		RCRA	183	GCMS	BSRCH	4055		Y	Y				Y		CIN LV PAB
2-Methylbenzothiazole		120752		PARA-4C	029	GCMS	BSRCH			Y	Y				Y		SCC
4,4'-Methylenebis(2-chloroaniline)	Benzenamine, 4,4'-methylenebis(2-chloro \ MOCA	101144		RCRA RCRA_IX SEC_313	234 032 133	GCMS	BSRCH	1988		Y	Y		Y	TAIL	Y	Y	A_D ATH LV PAB
4,5-methylene phenanthrene		203645	3-065	PARA-4C	033	GCMS	BSRCH			Y	Y				Y		SCC
1-Methylfluorene		1730376	3-065	PARA-4C	031	GCMS	BSRCH			Y	Y				Y		SCC
2-Methylnaphthalene	Naphthalene, 2-methyl	91576	3-065	HSL PARA_4C RCRA_IX	C470 121 179	GCMS	BSRCH			Y	Y	Y	Y	Y	Y		LV

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1-Methylphenanthrene		832699	3-065	PARA-4C	033	GCMS	BSRCH			Y	Y					Y		SCC
2-(methylthio)benzotniazole		615225		PARA-4C	036	GCMS	BSRCH			Y	Y					Y		SCC
Methyl methanesulfonate	Methylsulfonic acid, methyl ester	66273		RCRA RCRA_IX	244 165	GCMS	BSRCH	4024		Y	Y		Y			Y		CIN LV PAB
1,5-Naphthalenediamine	1,5-Naphalenediamine	2243621		MICH	063	GCMS	BSRCH			Y	Y					Y		CIN
1,4-Naphthoquinone	1,4-Napnthalenedione	130154		RCRA RCRA_IX	251 180	GCMS	BSRCH	4209		Y	Y					Y		ALD
1-Naphthylamine	alpha-Naphthylamine	134327		RCRA RCRA_IX SEC_313	252 175 202	GCMS	BSRCH	4118		Y	Y					Y		LV
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro	99558		RCRA RCRA_IX	284 027	GCMS	BSRCH	4157		Y	Y		Y	Y		Y	Y	ALD ATH LV
2-Nitroaniline	Benzenamine, 2-nitro	88744		HSL RCRA_IX	C530 028	GCMS	BSRCH			Y	Y					Y		LV
3-Nitroaniline	Benzenamine, 3-nitro	99092		HSL RCRA_II	C545 029	GCMS	BSRCH			Y	Y					Y		LV
p-Nitroaniline	Benzenamine, 4-nitro-	100016		HSL PARA-4C RCRA RCRA_IX	C595 037 260 031	GCMS	BSRCH	328		Y	Y					Y		LV SCC
N-Nitrosodiethylamine	Ethanamine, N-ethyl-N-nitroso-	55185	35576911	RCRA RCRA_IX SEC_313	272 119 007	GCMS	BSRCH	4011		Y	Y					Y		LV

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N-Nitrosodi-n-butylamine	1-Butanamine, N-butyl-N-nitroso	924163	35576911	RCRA RCRA_IX SEC_313	270 086 237	GCMS	BSRCH	574		Y	Y					Y		LV
N-Nitrosomethylphenylamine		614006	35576911	PARA-4C	035	GCMS	BSRCH			Y	Y					Y		SCC
N-Nitrosomethylethylamine	Ethanamine, N-methyl-N-nitroso	10595956	35576911	RCRA RCRA_IX	275 120	GCMS	BSRCH	175		Y	Y					Y		LV
N-Nitrosomorpholine	Morpholine, 4-nitroso-	59892	35576911	AIR RCRA RCRA_IX SEC_313	026 279 174 017	GCMS	BSRCH	165		Y	Y	Y	Y	Y	TAIL	Y		ATH LV
N-Nitrosopiperidine	Piperidine, 1-Nitroso-	100754	35576911	RCRA RCRA_IX SEC_313	281 211 132	GCMS	BSRCH	149		Y	Y					Y		LV
17-alpha-19-Norpregna-1,3,5(10)-trien-20-yn-17-ol, 3-methoxy-	Mestranol \ 17-alpha-Ethynylestradiol 3-methyl ether	72333		MICH	065	GCMS	BSRCH	2342		Y	Y					Y		CIN SIG
Pentachlorobenzene	Benzene, pentachloro-	608935	1_864	RCRA RCRA_IX	289 058	GCMS	BSRCH	4635		Y	Y	Y	Y	Y		Y		ALD
Pentamethylbenzene		700129		PARA-4C	038	GCMS	BSRCH			Y	Y					Y		SCC
Perylene		198550	3-065	PARA-4C	039	GCMS	BSRCH			Y	Y					Y		SCC
Phenothiazine	Benzazine \ 10H-Phenothiazine	92842		PARA-4C	040	GCMS	BSRCH			Y	Y					Y		LV SCC
1-Phenylnaphthalene		605027	3-065	PARA-4C	041	GCMS	BSRCH			Y	Y					Y		SCC
2-Phenylnaphthalene		612942	3-065	PARA-4C	042	GCMS	BSRCH			Y	Y					Y		SCC

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Propane, 1,2-dibromo-3-chloro-	Dibromochloropropane \ DBCP	96128		ODW_CWS RCRA RCRA_II SEC_313 SWDA	016 113 214 117 070	GCMS	BSRCH	4575		Y	Y	Y	Y		Y		LV
Pyridine		110861		PARA_4C RCRA RCRA_II SEC_313	208 316 237 169	GCMS	BSRCH	27		Y	Y				Y		LV
Resorcinol	1,3-Benzenediol	108463		RCRA RCRA_II	318 067	GCMS	BSRCH	123		Y	Y	Y	Y	Y	Y	Y	ALD ATH LV
Safrole	1,3-Benzodioxole, 5-(2-propenyl)-	94597		PARA_4C RCRA RCRA_II SEC_313	127 320 072 107	GCMS	BSRCH	4229		Y	Y				Y		ALD LV
Squalene		7683649		PARA-4C	056	GCMS	BSRCH			Y	Y				Y		SCC
Sulfurous acid, 2-chloroethyl-, 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	Aramite	140578		FTC RCRA RCRA_II	002 022 244	GCMS	BSRCH	4937		Y	Y				Y		LV
1,2,4,5-Tetrachlorobenzene	Benzene, 1,2,4,5-tetrachloro-	95943	1_064	PARA-4C RCRA RCRA_II	043 333 046	GCMS	BSRCH	4486		Y	Y	Y	Y	Y	Y		CIN LV PAG SCC
Thianaphthene	2,3-Benzothiophene \ Benzo(b)thiophene	95158		PARA-4C	003	GCMS	BSRCH			Y	Y				Y		SCC
Thioxanthen-9-one	Thioxanthone \ Thiaxanthone	492228		PARA-4C	047	GCMS	BSRCH			Y	Y				Y		SCC

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o-Toluidine		95534		MICH PARA_4C SEC_313	111 136 112	GCMS	BSRCH	4019		Y	Y				Y		CIN SIG
o-Toluidine, 5-chloro-	5-Chloro-o-toluidine	95794		MICH	112	GCMS	BSRCH			Y	Y				Y		CIN PAB
1,2,3-Trimethoxybenzene		634366		PARA-4C	052	GCMS	BSRCH			Y	Y				Y		SCC
Trichenylene		217594	3-065	PARA-4C	053	GCMS	BSRCH			Y	Y				Y		SCC
Tripropyleneglycol methyl etner		20324338	4-311	PARA-4C	054	GCMS	BSRCH			Y	Y				Y		SCC
1,3,5-Trithiane		291214		PARA-4C	055	GCMS	BSRCH			Y	Y				Y		SCC
2-Butenal	Crotonalcehyde \ Crotylaldehyce	4170383		PARA_4C RCRA VTOX	410 092 276	GCMS	VSRCH	16			Y				Y		ALD LV
Carbon disulfide		75150		HSL RCRA RCRA_IX SEC_313 VTOX	C040 058 091 050 387	GCMS	VSRCH	24			Y				Y		LV
2-Chloro-1,3-butadiene	Chloroprene \ 1,3-Buta diene, 2-chloro	126998		AIR MICH RCRA RCRA_IX SEC_313	011 029 083 065 194	GCMS	VSRCH	48			Y						DuP EXX
Chloroacetonitrile	Chlorcetnanenitrile	107142		PARA-4C	008	GCMS	VSRCH				Y				Y		SCC

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1,2-Dibromoethane	Ethylene dibromide \ EDB	106934		AIR ODW_CWS PARA-4C RCRA RCRA_IX SEC_313 SWDA	017 015 014 175 128 148 075	GCMS	VSRCH	986		Y	Y					Y	LV SCC
Dibromomethane	Methylene bromide \ Methane, dibromo	74953	1_193	ODW_CWS RCRA RCRA_IX SEC_313 SWDA	014 235 156 044 076	GCMS	VSRCH	4284			Y					Y	ALD CIN
trans-1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-, (E)-	110576	764410	RCRA RCRA_IX VTOX	120-01 088 108	GCMS	VSRCH	4055			Y					Y	ALD LV
1,3-Dichloropropane		142289	26638197	ODW_CWS RCRA	025 128-01	GCMS	VSRCH				Y					Y	ALD
cis-1,3-Dichloropropene	1-Propene, 1,3-dichloro-, (Z)-	1006-015	542756	HSL RCRA RCRA_IX RPAR	C143 131-01 228 015-01	GCMS	VSRCH				Y					Y	LV
Ethyl cyanide	Propionitrile \ Propanenitrile	107120		RCRA RCRA_IX VTOX	173 219 092	GCMS	VSRCH	5			Y					Y	LV
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester	97632		RCRA RCRA_IX	182 232	GCMS	VSRCH	150		Y	Y	Y	Y	Y		Y	LV
2-Hexanone		591786		HSL RCRA_IX	C210 144	GCMS	VSRCH			Y	Y					Y	LV

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD RIZE	EX ROL CT	TRA CT	GC OK	LC O K	LC ?	LC 3 C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Iodomethane	Methyl iodide \ Methane, iodo	74884	1_193	RCRA RCRA_IX SEC_313	240 160 042	GCMS	VSRCH	367				Y		Y	Y			Y	LV
Isobutyl alcohol	1-Propanol, 2-methyl-	78831		RCRA RCRA_IX	209 223	GCMS	VSRCH	3986				Y						Y	LV
4-Methyl-2-pentanone	MIBK \ Methylisobutylketone	108101		HSL PARA_4C RCRA_IX SEC_313	C215 186 185 157	GCMS	VSRCH			Y		Y						Y	ALD LV
Methyl methacrylate	2-Propenoic acid, 2-methyl-, methyl ester	80626		RCRA RCRA_IX SEC_313	243 233 078	GCMS	VSRCH	4007				Y		Y				Y	LV
2-Propen-1-ol	Allyl alcohol	107186		RCRA RCRA_IX VTOX	012 234 095	GCMS	VSRCH	7				Y		Y	Y			Y	ALD LV
1-Propene, 3-chloro-	Allyl chloride \ 3-Chloropropene	107051		AIR MICH RCRA RCRA_IX SEC_313	004 100 013 229 151	GCMS	VSRCH	24				Y						Y	ALD CIN
2-Propenenitrile, 2-methyl-	Methacrylonitrile	126987		RCRA RCRA_IX VTOX	225 230 124	GCMS	VSRCH	13				Y		Y				Y	ALD LV
1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-	630205	25322207	ODW_CWS PARA-4C RCRA RCRA_IX	033 044 337 125	GCMS	VSRCH	684				Y						Y	LV SCC
Trichlorofluoromethane	Fluorotrichloromethane \ Methane, trichlorofluoro-	75694	1_193	ODW_CWS RCRA RCRA_IX	012 373 164	GCMS	VSRCH	4068				Y		Y				Y	CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYDROLYZE	EXTRACT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS MAKE/LABEL	STANDARDS ON HAND	STANDARDS SOURCES
1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-	96184	25735299	ODW_CWS RCRA RCRA_II	038 378 216	GCMS	VSRCH	4128			Y				Y		LV
Vinyl acetate	Acetic acid, ethenyl ester	108054		HSL RCRA_II SEC_313 VTOX	C125 005 156 406	GCMS	VSRCH				Y				Y		ALD LV
Aluminum	Al	7429905		HSL RCRA_II SEC_313 SWDA	Z13 009 269 031	ICP	200								Y		ALD CIN
Barium	Ba	7440393		HSL RCRA RCRA_II SEC_313 SWDA	Z56 029 020 278 022	ICP	200								Y		CIN
Beryllium	Be	7440417		AIR HSL P-POLL RCRA RCRA_II SEC_112 SEC_313 SWDA	006 Z04 117 043 078 002 279 042	ICP	200								Y		CIN
Bismuth	Bi	7440699		ITD	Z83	ICP	200										CIN
Boron	B	7440428		ITD	Z05	ICP	200										CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Cadmium	Cd	7440439		AIR	007	ICP	200							Y		CIN
				HSL	248											
				P-POLL	118											
				RCRA	055											
				RCRA_IX	089											
				SEC_313	260											
				SWDA	023											
Calcium	Ca	7440702		HSL	220	ICP	200									CIN
				RCRA_IX	090											
Cerium	Ce	7440451		ITD	258	ICP	200									CIN
Chromium	Cr	7440473		HSL	224	ICP	200							Y		CIN
				P-POLL	119											
				RCRA	085											
				RCRA_IX	092											
				SEC_313	281											
				SWDA	024											
Cobalt	Co	7440484		HSL	227	ICP	200									CIN
				MICH	038											
				RCRA_IX	094											
				SEC_313	282											
				VTOX	286											
Copper	Cu	7440508		HSL	229	ICP	200									CIN
				P-POLL	120											
				RCRA_IX	095											
				SEC_313	283											
				SWDA	036											
Dysprosium	Dy	7429916		ITD	266	ICP	200									CIN
Erbium	Er	7440520		ITD	268	ICP	200									CIN
Europium	Eu	7440531		ITD	263	ICP	200									CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Gallium	Ga	7440553		ITD	Z31	ICP	200										CIN
Germanium	Ge	7440564		ITD	Z32	ICP	200										CIN
Gold	Au	7440575		ITD	Z79	ICP	200										CIN
Hafnium	Hf	7440586		ITD	Z72	ICP	200										CIN
Holmium	Ho	7440600		ITD	Z67	ICP	200										CIN
Indium	In	7440746		ITD	Z49	ICP	200										CIN
Iodine	I	7553562		ITD	Z53	ICP	200										CIN
Iridium	Ir	7439885		ITD	Z77	ICP	200										CIN
Iron	Fe	7439896		HSL	Z26	ICP	200										CIN
				RCRA_IX	147												
Lanthanum	La	7439910		ITD	Z57	ICP	200										CIN
Lead	Pb	7439921		HSL	Z82	ICP	200							Y			CIN
				P-POLL	122												
				RCRA	214												
				RCRA_IX	148												
				SEC_313	270												
				SWDA	025												
Lithium	Li	7439932		MICH	061	ICP	200							Y			CIN
Lutetium	Lu	7439943		ITD	Z71	ICP	200							Y			CIN
Magnesium	Mg	7439954		HSL	Z12	ICP	200										CIN
				RCRA_IX	149												

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS MAK ON ABL HND	STANDARDS SOURCES
Manganese	Mn	7439965		AIR	023	ICP	200								CIN
				HSL	225										
				RCRA_II	150										
				SEC_313	271										
Molybdenum	Mo	7439987		ITD	242	ICP	200								CIN
				SWDA	033										
Neodymium	Nd	7440008		ITD	260	ICP	200								CIN
Nickel	Ni	7440020		AIR	027	ICP	200								CIN
				HSL	228										
				P-POLL	124										
				RCRA	255										
				RCRA_II	182										
				SEC_313	273										
				SWDA	039										
				VTOX	285										
Niobium	Nb	7440031		ITD	241	ICP	200								CIN
Osmium	Os	7440042		APRIL	276	ICP	200								CIN
				RCRA_II	183										
Palladium	Pd	7440053		ITD	246	ICP	200								CIN
Phosphorus (black, white, red, yellow, or violet)	P	7723140		ITD	215	ICP	200								CIN
				SEC_313	293										
				VTOX	298										
Platinum	Pt	7440064		ITD	278	ICP	200								CIN
Potassium	K	7440097		HSL	219	ICP	200								CIN
				RCRA_II	212										
Praseodymium	Pr	7440.00		ITD	259	ICP	200								CIN
Rhenium	Re	7440155		ITD	275	ICP	200								CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ?	LC C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Rhodium	Rh	7440166		ITD	Z45	ICP	200											CIN
Ruthenium	Ru	7440188		ITD	Z44	ICP	200											CIN
Samarium	Sm	7440159		ITD	Z62	ICP	200											CIN
Scandium	Sc	7440202		ITD	Z21	ICP	200											CIN
Silicon	Si	7440213		ITD	Z14	ICP	200											CIN
Sodium	Na	7440235		HSL RCRA_IX SWDA	Z11 242 038	ICP	200											CIN
Strontium	Sr	7440246		ITD	Z38	ICP	200											CIN
Sulfur	S	7704349		ITD	Z16	ICP	200											CIN
Tantalum	Ta	7440257		ITD	Z73	ICP	200											CIN
Tellurium	Te	13494809		ITD VTOX	Z52 346	ICP	200											CIN
Terbium	Tb	7440279		ITD	Z65	ICP	200											CIN
Thorium	Th	7440291		ITD	Z90	ICP	200											CIN
Thulium	Tm	7440304		ITD	Z69	ICP	200											CIN
Tin	Sn	7440315		APRIL RCRA_IX	Z50 247	ICP	200											CIN
Titanium	Ti	7440326		ITD	Z22	ICP	200											CIN
Tungsten	W	7440337		ITD	Z74	ICP	200											CIN
Uranium	U	7440611		ITD SWDA	Z92 081	ICP	200											CIN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC OK	LC 0 K	LC 3 ? C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-CES
Vanadium	V	7440622		HSL RCRA_IX SEC_313 SWDA	Z23 249 284 037	ICP	200									CIN
Ytterbium	Yb	7440644		ITD	Z70	ICP	200									CIN
Yttrium	Y	7440655		ITD	Z39	ICP	200									CIN
Zinc	Zn	7440666		HSL P-POLL RCRA_IX SEC_313 SWDA	Z30 128 250 285 040	ICP	200									CIN
Zirconium	Zr	7440677		ITD	Z40	ICP	200									CIN
Ignitability		1-013		ITD	W13	WET	1010									SYN
Corrosivity		1-014		ITD	W14	WET	1110									SYN
Specific conductivity	Conductivity, specific	1-011		ITD	W11	WET	120									SYN
Hydrogen ion	pH	1-006		ITD	W06	WET	150									SYN
Residue, filterable	Total dissolved solids \ TDS	1-010		ITD	W10	WET	160									SYN
Residue, non-filterable	Total suspended solids \ TSS	1-009		ITD	W09	WET	160									SYN
Residue, total	Total solids	1-008		ITD	W08	WET	160									SYN
Chloride		1-003		ITD	W03	WET	300									SYN
Nitrate/nitrite		1-005		ITD	W25	WET	300									SYN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD ROL YZE	EX TRA CT	GC OK	LC O K	LC 3 ?	LC C	NOTES	STANDARDS MAK ABL	STANDARDS ON HND	STANDARDS SOU-RCES
Cyanides (soluble salts and complexes) NOS		57125		P-POLL RCRA RCRA_II SEC_313 SWDA	121 093 096 012 043	WET	335											SYN
Fluoride		16984488		APRIL RCRA_IX SWDA	A01 142 030	WET	340											SYN
Ammonia		7664417		ITD SEC_313 VTOX	W01 290 384	WET	350											ALD
Sulfide		18496258		APRIL RCRA_IX	A02 243	WET	376											CIN
Biochemical Oxygen Demand	BOD	1-002		ITD	W02	WET	405											SYN
Chemical Oxygen Demand	COD	1-004		ITD	W04	WET	410											SYN
Reactivity		1-015		ITD	W15	WET	412											SYN
Oil and grease	O&G	1-007		ITD	W07	WET	413											SYN
Total organic carbon	TOC \ Organic carbon, total	1-012		ITD	W12	WET	415											CIN
Total volatile organic carbon	TVOA \ VOC \ Organic carbon, volatile	1-001		ITD	W01	WET	9060M											CIN
Oil and grease	Retort	1-016		ITD	W16	WET	Retort											SYN
Salinity (from chloride)	NaCl	1-017		ITD	W17	WET												SYN
Salinity (from sodium)	NaCl	1-018		ITD	W18	WET												SYN

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NAME IN REGULATION	COMMON NAME	CAS NO	BASE CAS NO	ORIGIN	SEQUENCE	ANALYSIS TYPE	METHOD	EPA NIH PAGE	HYD EX ROL TRA YZE CT	GC OK	LC 0 3 K ? C	NOTES	STANDARDS MAK ON ABL MND	SOURCES

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